Replacement Parts List No. 700008300
Revision Q 07/12

RoofPak
Draw Thru/Blow Thru Air Handler
Large Cabinet

RAH
Size 077
Vintage C

McQuay International
a member of DAIKIN group

To find your Daikin McQuay parts distributor, call 1-800-377-2787 or visit www.DaikinMcQuay.com

Contents

Parts List Revision History 5, 6
Nomenclature 7- 14
Electrical Legend 15- 18
Section A- Outdoor/Return Air Section
Notes 19
100% Outside Air Damper with Hood- No Return Air Plenum 20
100% Outside Air Damper 21
0- 30% Outside Air Section w/ ACT3 22
0- 100% Economizer Section with Barometric Exhaust Damper- Units without Return Air Fans 23
0- 100% Economizer Section with Barometric Exhaust Damper- Units with 44" Return Air Fans 24
0- 100% Economizer Section with Prop Exhaust Fan & Damper 25
0- 100% Economizer Damper w/ ACT3 ..... 26, 27
0- 100% Economizer Exhaust Damper (Until 1/05) 28, 29
Return Air Plenum Isolation Damper w/ Actuator ACT6 30
Prop Exhaust Fan & Damper 31
Prop Exhaust Fan Inverter and Control Box 32
0- 100% Outdoor Air/Return Air Mixing Box 33, 34
0- 100% Outdoor Air/Return Air Mixing Box- Low Leak Damper 35
Design Flow 36
Return Air Fan- Fan Mounts (Until 11/04) 37
Return Air Fan- Fan Mounts (11/04 & Later) 38
Return Air Fan 39
Return Air Fan Motors 40
Section Mounted Controls- OAE, RAE, RAT, SD2, LT11, S11, REC11 41
Ebtron Sensor 42
Section B- Draw-Thru Filter/Blank Section
Notes 43
Section Mounted Controls- PC5, SPS5 43
Filters 44, 45
Section C- Draw-Thru Blank Access Section or Separate Inverter Section
Notes 46
Unit Mounted Controls- LT17, S17, REC17 46
Section D- Draw-Thru Combination Coil Section
Notes 47
Drain Pan Only 47
Cooling Only Units w/ DX Evaporator Coil 48
Cooling Only Units w/ Chilled Water Coil and No Face & Bypass Damper 49
Cooling Only Units w/ Small Face Chilled Water Coil and Face & Bypass Damper 50
Cooling Only Units w/ Large Face Chilled Water Coil and Face & Bypass Damper 51
Cooling Only Units Face & Bypass Dampers p/n 056097014 & 056097006 52
Combination Cool/Heat Coils w/ DX Evaporator Coil 53
Combination Cool/Heat Coils w/ Chilled Water Cooling Coil 54
Heating Only Units w/ Steam or Hot Water Heat Coil and Face & Bypass Damper 55
Preheat Steam & Hot Water Coils 56
Chilled Water Coil 3- Way Valves 57
Section Mounted Controls- LT21, FS1, FS2 57
Section E- Draw-Thru Heat Section
Notes 58
Section Mounted Controls- LT18, REC18, S18 58
Hot Water or Steam Coil Heat, Mixing Valves and Actuator (VM1) 59
Section F- Supply Air Section
Notes 60
Forward Curved Fans- Low Pressure- FCLP 61
Forward Curved Fans- High Pressure- FCMP 62
Air Foil Fan- Double Width 63, 64
Air Foil- Double Width- VAV Assembly 65
Air Foil Fan- Single Width- Draw-Thru/No Heat Units 66, 67
Air Foil- Single Width- VAV Assembly 68
Fan Mounts- 33" Forward Curved Fan (Until 11/04) 69
Fan Mounts- 33" Forward Curved Fan (11/04 & Later) 70

Contents
Continued

Section F- Supply Air Section, Continued

Fan Mounts- 36" Forward Curved Fan (Until 11/04) 71
Fan Mounts- 36" Forward Curved Fan (11/04 & Later) 72
Fan Mounts- 40" Forward Curved Fan (Until 11/04) 73
Fan Mounts- 40" Forward Curved Fan (11/04 & Later) 74
Fan Mounts- 33" Airfoil Double Width Fan (Until 11/04) 75
Fan Mounts- 33" Airfoil Double Width Fan (11/04 & Later) 76
Fan Mounts- 36" Airfoil Double Width Fan (Until 11/04) 77
Fan Mounts- 36" Airfoil Double Width Fan (11/04 & Later) 78
Fan Mounts- 40" Airfoil Double Width Fan (Until 11/04) 79
Fan Mounts- 40" Airfoil Double Width Fan (11/04 & Later) 80
Fan Mounts- 44" AFSW- Draw-Thru/No Heat Units (Until 11/04) 81
Fan Mounts- 44" AFSW- Draw-Thru/No Heat Units (11/04 & Later) 82
Fan Mounts- 49" AFSW- Draw-Thru/No Heat Units (Until 11/04) 83
Fan Mounts- 49" AFSW- Draw-Thru/No Heat Units (11/04 & Later) 84
Supply Air Fan Motors 85
Belt Guard 86
Inverters & Inverter Bypass Control Box (Until 3/05)
Motor HP 5- 25 87
Motor HP 30- 75 88
Inverters & Inverter Bypass Control Box (3/05 to 10/06)
Motor HP 5 ..... 89, 90
Motor HP 7.5- 25 ..... 91, 92
Motor HP 30- 75 ..... 93, 94
Inverters & Inverter Bypass Control Box (1/07 & Later)
Motor HP 5 95
Motor HP 7.5- 25 ..... 96, 97
Motor HP 30- 75 ..... 98, 99
Inverters 100- 103
Line Reactors 104
Section Mounted Controls- PC7, HL22, LT10, S10, REC10, UV Lights 105
Section Mounted Controls- MATS, EFTS, SATS, DATS, OATS, SD1 106
Section Mounted Controls- SCB- TB25,TB27,TB28,PB10,PB9,PB20,PB19 107

Section G- Blow-Thru Heat Section

Notes 108
Option 1: Blank Compartment
Unit Mounted Controls- LT12, S12, REC12 108
Diffuser 108
Option 2: Hot Water or Steam Coil Heat Code 04= W, S
Mixing Valves and Actuator (VM1) 109
Option 3: Electric Heat Code 04= E
Heaters, Hi Limit Cutouts, Diffusers 110, 111
Electric Heat Control Box (Until 3/05) 112- 116
Electric Heat Control Box (3/05 & Later) 117- 121
Option 4- Gas Heat Code 04= A
Vestibules, Heat Exchangers and Primary Components- 500, 640, 650, 790, 800, 1000, 1100, 1400 122
Vestibules, Heat Exchangers and Primary Components- 1500, 2000 123
Modulating or Single Stage Burner 124- 127
Hi Turn Down Burner 128- 131
Single Stage or Modulating Burner Controls- MicroTech Controls (Until 6/95) 132
Single Stage or Modulating Burner Controls- MicroTech Controls (7/95 to 1/01) 133
Single Stage or Modulating Burner Control- MicroTech II or No Controls (1/01 & Later) 134, 135
Modulating Burner Controls- MicroTech III Controls 136
Hi Turn Down Burner Controls- MicroTech II or No Controls 137, 138
Hi Turn Down Burner Controls- MicroTech III Controls 139
Gas Train- Inlet 140- 143
Gas Train- Controls: GV1, GV2, GV4, GV5, GV6, GV7, GV8, GV9, VM1 ..... 144- 148
Gas Train- Outlet 149
Gas Train- Damper Linkage 150- 152
Cabinet Doors, Gasketing, Hardware, and Flue Box Mounting 153- 156

Contents
Continued

Section H- Blow-Thru Heat Blank Access Section
Notes 157
Section Mounted Controls- LT19, REC19, S19 157
Section I- Draw-Thru Combination Coil Section
Notes 158
Section Mounted Controls- LT16, S16, REC16 158
Section J- Final Filter Section
Notes 159
Section Mounted Controls- HL23, PC6, SPS6 159
Filters 160
Section K- Discharge Plenum Section
Notes 161
Section Mounted Controls- OAT, DAT, SD1 161
Damper Assembly- w/ Actuator ACT5 162
Section L- Out-of-Airstream Blank Access Section
Notes 163
Section Mounted Controls- LT20, REC20, S20 163
Section N- Main Control Box1
Notes 164
Control Panel- Units with MicroTech Controls (Until 1/01) 165- 167
Control Panel- Units with MicroTech II Controls (1/01 to 3/05) 168- 170
Control Panel- Units without MicroTech Controls (Until 3/05) 171, 172
Power Panel- Until 3/05 ..... 173- 194
MicroTech II or No Controls Control Panel (3/05 & Later) 195- 200
MicroTech III Units with Controller 201- 203
Power Panel (3/05 to 10/06) 204- 216
Power Panel (1/07 & Later) 217- 228
McQuay Supplied Line Voltage Box- T6, DS6, FU6A, FU6B, FU6C 229

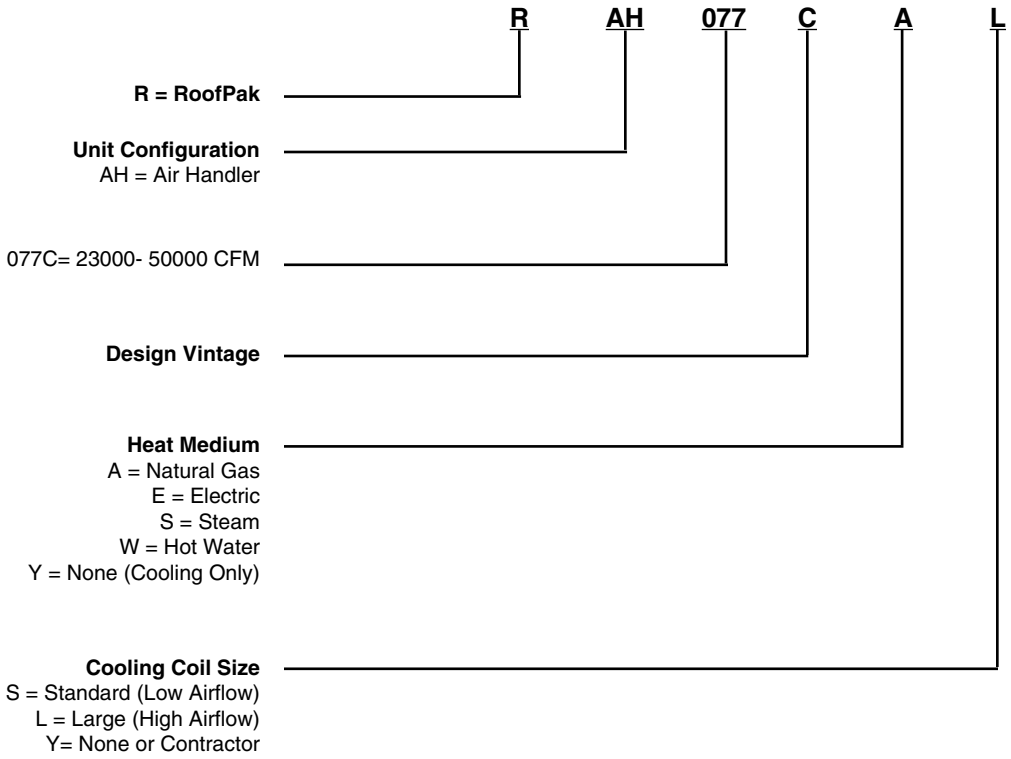
Parts List Revision History

Rev.	Date	Description
A	12/11	Archived Rev. A information.
B	1/09	Page 6 Added new second page of Parts List Revision History. Document Repaginated. Page 9 Code 15- added MicroTech III to selection F. Code 20- added Ebtron sensor. Page 11 Code 15- added MicroTech III to selection F. Page 13 Codes 12, 18- added MicroTech III. Added code 16. Page 14 Added EXPA, B, D to electrical legend. Page 16 Added R81-88, R63, SPS3 to electrical legend. Page 18 Added MicroTech III to notes. Page 40 Ref. #7- added p/n 193414600 for MicroTech III controls. Page 41 Added new for Ebtron sensor detail. Page 42 SPS5- added MicroTech III to footnote. Page 105 Ref. #5- added p/n 193414600 for MicroTech III controls. Ref. #7- added p/n 193414600 for MicroTech III controls. Ref. #8- added p/n 193414600 for MicroTech III controls. Page 117 TB1 (1/07 & later)- p/n changed to 349930641. Page 118 F33- 460/575V for 60KW deleted. Page 119 TB1 (1/07 & later)- p/n changed to 349930641. Page 125 Ref #118-Change p/n from 033973101 to 033972101 both units. Page 133 Ref. #32 p/n 193423703 added for 9/08 & later. Added "No Controls" to subhead. Page 134 Added new for Modulating Burner control box for MTech III controls. Document Repaginated. Page 135 Ref. #32 p/n 193423703 added for 9/08 & later. Diagram TD11 changed to TD10. Added "MicroTech II" and "No Controls" to subhead. Page 136 Added new for HTD Burner control box for MicroTech III controls. Document Repaginated. Page 154 SPS6- added MicroTech III to footnote. Page 158 Ref. #7- added p/n 193414600 for MicroTech III controls. Ref. #8- added p/n 193414600 for MicroTech III controls. Page 159 Added "MicroTech III" to notes. Page 163 Added R20. Page 164 Added R24. Pages 192 to 197- Added "MicroTech II" & "No Controls" to subheading. Pages 198 to 200- Added new for MicroTech III main control box. Document Repaginated.
C	6/09	Page 8 Move General Option codes and diagram to page 9. Page 9- 14 Arrange Code Index into numerical order. (Add one page) Page 41 Ref #7 change RAT Sensor p/n from 193414600 to 193414601. Page 106 Ref #5 change EFT Sensor p/n from 193414600 to 193414601. Ref #8 change SAT, DAT Sensor p/n from 193414600 to 193414601. Ref #7 change OAT Sensor p/n from 193414600 to 193414601. Page 159 Ref #7 change OAT Sensor p/n from 193414600 to 193414601. Ref #8 change DAT Sensor p/n from 193414600 to 193414601. Page 201 Change DAT, EFT, OAT, RAT, EAT, LAT Sensors p/ns from 193414600 to 193414601.
D	12/09	Updated Cover and Revision page with current logo design. Page 65 Changed Footnote #3 p/n from 031771703 to 031771600.
E	5/10	Page 39: Corrected table header description from C21= 40B* & C21= 40W* to C21= 44B* & C21= 44W*.
F	5/10	Page 2- 4 Updated TOC with new pages and corrected various mismatched or missing entries. Page 19, 60 Removed reference to Rapid CD and replaced with a note to access the online **Drive Cross Reference** form # 571006 or McQuay Parts for drive part identification. Page 117 Replaced obsolete 600A disconnect switch p/n 349935326 w/ 193438205, and shaft p/n 349962214 w/ 349962243. Updated footnote #4: "Handle only p/n 349961102; Mechanism only p/n 193455001; Shaft p/n 349961403." Added footnote #5. Page 125, 129 Removed Complete Burner assembly p/ns. Page 134, 136 (old), 134, 135, 137, 138 (New) Split diagram and table into two pages due to lack of additional room for update of Gas Heat relays R20- R23B. Repaginated document. Page 218 (old) 220 (New) Replaced obsolete 600A disconnect switch p/n 349935332 w/ 193438002, handle p/n 349935631 w/ 193437901, and shaft p/n 349962303 w/ 349962241. Replaced obsolete 800A disconnect switch p/n 349935425 w/ 193438201, mechanism p/n 349961205 w/ 193455001 & shaft mod p/n 349962207 w/ 349962242. Replaced obsolete 1000A Disconnect Switch p/n 349935426 w/ 193438206, mechanism 349961205 w/ 193455001 & Shaft Mod 349962207 w/ 349962242. Updated footnotes as required.
G	6/10	Page 135: Changed R20 p/n 026217000 to 061019403.
H	7/10	Page 36: Deleted Ref #110 p/n 098662800 and added footnote #2: "**P/N is unit specific. Contact McQuay Parts with overall length and bolt hole spacing so that the correct part can be identified.**" Page 170, 197 Changed Battery p/n from RB2325 to 049754501.
I	11/10	Corrected misc. spelling & formatting issues. Page 202: Replaced COM p/ns: 193408101 with 090016709; 193408201 with 090016711; 193408202 with 090016712, & 193408301 with 090016710.
J	01/11	Page 202: P/ns for LonWorks DAC & LonWorks SCC were reversed. DAC= 090016712, SCC= 090016711.

Parts List Revision History

Rev.	Date	Description
K	02/11	Page 202: Changed Terminal block p/ns: 193410**402** to 193410**302**, 193410**403** to 193410**303**, 193410**405** to 193410**305**, 193410**406** to 193410**306**, 193410**407** to 193410**307** & 193410**408** to 193410**308**.
L	06/11	Page 31: Re-arranged/updated Ref #6 Bub & P/ns. Added 6B Blade p/n 300044027, 6C Shaft p/n 300044028, 6D bearing p/n 300044029, 6F Bushing p/n 000804000. Changed 6I motor p/ns from 065820200 & 046514600 to 300046887 & 300046251. Page 63: Added box to clarify fan position diagram.
M	07/11	Page 63: Changed Ref #2 40" Inlet Funnel p/n from 031940906 to 031940905.
N	09/11	Page 66: Corrected qty to proper fan wheel for Ref # 3.
O	12/11	Page 202: Changed SPS1-3 p/ns 049545012 to 910124529 & 049545013 to 910124528. Added footnote #2.
P	06/12	Cover/Revision Page: Updated to Daikin McQuay logo format. Various: Changed "McQuay Parts" to "Daikin McQuay Parts". Page 100: Add Footnote for 401 VFDs. Page 101: Add footnote for 550 Keypad. Page 122: Changed table header from "500/650" to 500/640".
Q	07/12	Page 105: Added PC7 retrofit kit p/n 910122413 and footnote #1 for units built 1/00 and Later.

Nomenclature
Model Number- Dataplate



Nomenclature
Serial Number

Serial Number- Until February, 1999

3 7A 12345 01

Factory
3= Faribault,MN

Year & Month of Manufacture:

Year	Month
U= 1989	A= Jan.
V= 1990	B= Feb.
W= 1991	C= Mar.
X= 1992	D= Apr.
Y= 1993	E= May
Z= 1994	F= Jun
5= 1995	G= Jul
6= 1996	H= Aug
7= 1997	J= Sep.
8= 1998	K= Oct.
9= 1999	L= Nov.
	M= Dec.

Sequence

Engineering Revision

Serial Number- February, 1999 and later

FBO U 05 05 048

Plant Identification
FBO = Faribault

U= Unit

Year of Manufacture
99= 1999
00= 2000
01= 2001
02= 2002
03= 2003
04= 2004
05= 2005
06= 2006
07= 2007
etc.

Month of Manufacture
01= January
02= February
03= March
04= April
05= May
06= June
07= July
08= August
09= September
10= October
11= November
12= December

Serial Number (build sequence)

Nomenclature
Continued

Unit Section Layout Examples

A= Return Air/Outside Air/ Heat Recovery/Prop Exhaust Section

B, C, D, E= Draw-Thru Section

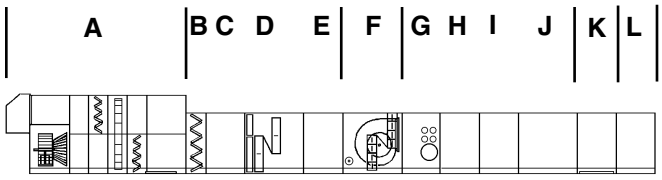
F= Supply Fan Section

G, H, I= Blow-Thru Section

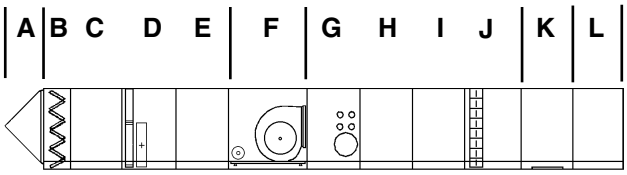
J= Final Filter

K= Discharge Plenum

L= Out-of Air-Stream Blank Access



With Heat Recovery



With Mixing Box

Unit Model Number- Complete

RAH	**077C**	**L**	**W**	**Y**	**1**	**EU**	**D**	**27**	**AL**	**P1**	**LD**	**4**	**5**	**A**	**1**	**H**	**R120**	**BB**	**FE40**	**B1**	**MEY**	**1250A**	**Y**	**AB**	**S**
Code		**03**	**04**	**05**	**06**	**07**	**08**	**09**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**

CJES	**5H105H**	**5J091C**	**S11J3E**	**30A2**	**PJY**	**1250A**	**BBBBBB**	**DYYS**	**YYYYYY**	**YYYYYY**	**B**														
27	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**														

Y	**BB**	**Y**	**Y**	**YY**	**Y**	**Y**	**Y**	**Y**	**Y**	**A**	**YY**	**1**	**A**	**Y**	**Y**
39	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**

Nomenclature
Continued

General Options
Unit Model Codes that Pertain: 03, 06, 07, 51- 54

Section A

Return/Outside Air/Heat Recovery Options
Unit Model Codes that Pertain:
14, 15, 19, 20, 21, 22, 23, 24, 49

Sections B, C, D, E
Draw-Thru Cooling Sections

Section B- Filter
Unit Model Codes that Pertain: 25

Section C- Draw-Thru Blank Access
Unit Model Codes that Pertain: 26

Section D- Draw-Thru Cooling Section
Unit Model Codes that Pertain: 27, 28

Section E- Draw-Thru Heating/Blank Section
Unit Model Codes that Pertain: 30

Section F- Supply Fan Options
Unit Model Codes that Pertain:
14, 15, 31, 32, 33, 49

Sections G, H, I
Blow-Thru Options (N/A RDT)

Section G= Blow-Thru Heat/Blank
Unit Model Codes that Pertain: 04, 34

Section H= Blow-Thru Blank Access
Unit Model Codes that Pertain: 38

Section I- Blow-Thru Coil Sections
Unit Model Codes that Pertain: 35, 36, 37

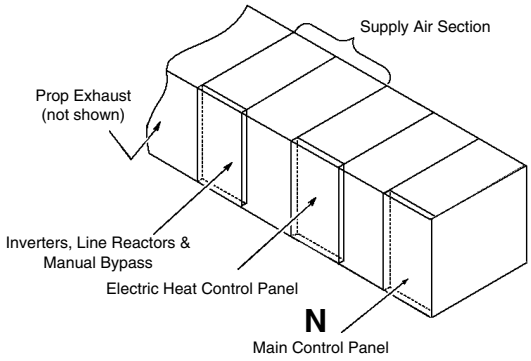
Section J- Final Filter Section
Unit Model Codes that Pertain: 39

Section K- Discharge Plenum Section
Unit Model Codes that Pertain: 40

Section L- Blank Compartment Section- Out of Airstream
Unit Model Codes that Pertain: 41

Section N- Main Control Panel
Unit Model Codes that Pertain: 08, 09, 10, 11, 12, 18

Auxiliary Controls/ Remote Sensors
Unit Model Codes that Pertain: 13, 16, 17, 18



Nomenclature
Continued

Code 03= Cooling Coil Size
Y= None
S= Small Face
L= Large Face

Code 04= Heat Section- Type of Heat
Y= No Heat
A= Natural Gas Heat
E= Electric Heat
S= Steam Heat
W= Hot Water Heat
X= Propane Heat or Fuel Oil Furnace (specials)

Code 05= Split Unit
Y= None
F= Split at Fan/Heat

Code 06= Insulation and Liners
1= 1", 3/4# with liners on doors
2= 1½", 1.5# with solid liners on doors & ceilings
3= 1½", 1.5# with perforated liners in plenums, solid elsewhere
4= 1½", 1.5# with solid liners on doors, ceilings and floors
5= 1½", 1.5# with perforated liners in plenums, solid elsewhere (including floors)

Code 07= Approval Agency Listing
CY= ETL-Canada
EY= USA
YY= None

Code 08= Main Control Box Location
P= Discharge Plenum MicroTech (until 3/05)
D= Discharge Plenum MicroTech (3/05 & later)
C or B= Vestibule
H or T= Heat Section

Code 09= Unit Voltage
12= 208/60/3
27= 460/60/3
28= 380/50/3
29= 230/60/3
37= 575/60/3

Code 10= Starting Option
AL= Across-the-Line (std.)
PP= Part Winding

Code 11= Field Power Connection and Disconnect
P1= Single Power Block: Complete Unit
Q2= Two Power Blocks: EH/Balance of Unit
A2= One, thru-the-door Disconnect: Complete Unit
B2= Two, thru-the-door Disconnects: EH/Balance of Unit

Code 12= Temperature Controls
MicroTech I
1M= MicroTech, CAV, Zone Control
2M= MicroTech, VAV, Discharge Air Cooling Control, Zone/Return Air Heating Control (Constant Volume)
3M= MicroTech, VAV, Multi Heat No Cooling
4M= MicroTech, VAV, Disch. Air Cool and Heating Control
5M= MicroTech, CAV, Disch. Air Cooling or Cool & Heat Control
MicroTech II
LD= LonMark w/ Discharge Air Temp. Ctl.
LS= LonMark w/ Space or Zone Ctl.
BD= BACNet w/MSTP w/ Discharge Air Temp. Ctl.
BS= BACNet w/MSTP w/ Space or Zone Ctl.
ED= BACNet w/Ethernet w/ Discharge Air Temp. Ctl.
ES= BACNet w/Ethernet w/ Space or Zone Ctl.
SD= Standalone w/ Discharge Air Temp. Ctl.
SS= Standalone w/ Space or Zone Ctl.
MicroTech III
LE= LonMark w/ Discharge Air Temp. Ctl.
LF= LonMark w/ Space or Zone Ctl.
BE= BACNet w/MSTP w/ Discharge Air Temp. Ctl.
BF= BACNet w/MSTP w/ Space or Zone Ctl.
EE= BACNet w/Ethernet w/ Discharge Air Temp. Ctl.
EF= BACNet w/Ethernet w/ Space or Zone Ctl.
SE= Standalone w/ Discharge Air Temp. Ctl.
SF= Standalone w/ Space or Zone Ctl.
No Controls
YM= No Temperature Controls
YC= No Temp. Controls w/6 to 9 volt DC modulating gas heat act.
YY= No Controls

Code 13= Air Flow Controls
Y= None
1= 1 duct sensor
2= 2 duct sensors
3= 1 duct and 1 space sensor
4= 1 space sensor
5= Duct Hi Limit

Code 14= Inverters
Y= None
X= VAV (special)
Separate Section
1= Inverter- SA Fan Only w/Bypass
2= SA & RA Fans w/Bypass
4= RA Fan Only w/Bypass
No Separate Section
3= SA Fan Only w/Bypass
5= SA & RA Fans w/Bypass
6= SA Fan Only w/o Bypass
7= SA & RA Fans w/o Bypass
8= RA Fan Only w/Bypass
9= RA Fan Only w/o Bypass

Code 15= Inlet Vane/Damper Actuators OR Inverter Type
Y= None
1= Supply Fan Only
2= Supply and Return Fan
4= Return Fan Only
A= ABB Inverter
G= Graham Inverter
R= Reliance Inverter
S= McQuay MD2 Inverter
F= Field Installed Inverter Controlled by MicroTech II or III

Nomenclature
Continued

Code 16= Smoke Detectors
1= Supply Air Section
2= Return Air Section
3= 1 + 2

Code 17= Misc. Aux. Controls
C G
- Y= None
- F= Freezestat (Steam or HW Heat only)
- P= Phase Failure
- G= Ground Fault Protection
- L= Line Reactors (Inverter w/ separate section only)
- A= Freezestat & Phase Failure (Steam or HW Heat only)
- B= Freezestat & Ground Fault (Steam or HW Heat only)
- C= Phase Failure & Ground Fault
- D= Freezestat, Phase Failure & Ground Fault (Steam or HW Heat only)
- E= Freezestat & Line Reactors (Steam or HW Heat & Inverter w/separate section only)
- H= Phase Failure & LIne Reactors (Inverter w/ separate section only)
- J= Freezestat, P.F. & Line Reactors (ST or HW Heat & Inverter w/ separate section only)
- K= Ground Fault, Phase Failure & Line Reactors (ST or HW Heat & Inverter w/ separate section only)
- 1= UV Lights
- 2= UV Lights & Freezestat (Steam or HW Heat only)
- 3= UV Lights & Phase Failure
- 4= UV Lights & Line Reactors (Inverter w/ separate section only)
- 5= UV Lights, Freezestat & Phase Failure (Steam or HW Heat only)
- 6= UV Lights, Freezestat & Line Reactors (ST or HW Heat & Inv. w/ sep. section only)
- 7= UV Lights, Phase Failure & Line Reactors (Inverter w/ separate section only)
- 8= UV Lights, Freezestat, Phase Failure & Line Reactors (ST or HW Heat & Inv. w/ sep. section only)

- C= Differential Enthalpy
- Y= None (includes mechanical enthalpy)

Code 18= Misc. Controls/ Unit Length
YYYY= None
MicroTech I
KYYY= Unit mounted keypad
BYYY= Unit mounted keypad and modem
MicroTech II or III
W___= Wireless Modem (___= Air Handler Length [in.])
M___= Phone Modem (___= Air Handler Length [in.])
R___= Remote Keypad (___= Air Handler Length [in.])
K___= Remote Keypad (___= Air Handler Length [in.])
U___= Unit Powered Receptacle (___= Air Handler Length [in.])
V___= K + U (___= Air Handler Length [in.])

Code 19= Return Air Plenum
YY= None (No return air section)
BY= Bottom Return
HY= Back Return
SY= Side (opp. drive) Return
BE= Bottom Return w/Iso. Damper w/ Actuator
BB= Bottom Return w/Burgler Bars
BD= Bottom Return w/Iso. Damper w/o Actuator (RAH only)

Code 20= Outdoor Air Options
YY= None
AE= 100% Outside air damper w/hood & actuator
AY= 100% Outside air damper w/hood/no actuator
BE= 0- 30% Outdoor air section w/actuator
BY= 0- 30% Outdoor air section w/o actuator
DE= 0- 100% Econ. w/barometric exhaust damper w/act.
DY= 0- 100% Econ. w/barometric exhaust damper w/o act.
EE= 0- 100% Econ. w/power closure exhaust damper w/act.
EY= 0- 100% Econ. w/power closure exhaust damper w/o act.
HE= 0- 100% Econ. w/prop exhaust damper w/act.
HY= 0- 100% Econ. w/prop exhaust damper w/o act.
FE= same as DE + Design Flow
FY= same as DY + Design Flow
GE= same as EE + Design Flow
GY= same as EY + Design Flow
JE= same as HE + Design Flow
JY= same as HY + Design Flow
KE= same as DE + Ebtron Sensor
KY= same as DY + Ebtron Sensor
LE= same as EE + Ebtron Sensor
LY= same as EY + Ebtron Sensor
ME= same as HE + Ebtron Sensor
MY= same as HY + Ebtron Sensor
3E= Energy Recovery Economizer, Low Air Flow
4E= Energy Recovery Economizer, High Air Flow

Code 21= Return Air Fan
YYYY= No Return Air Fan
44B()= 40" Airfoil w/o vanes
44W()= 40" Airfoil w/vanes
()= isolator type:
1= rubber in-shear
2= spring
3= spring w/seismic restraints

Code 22= Return Air Fan Motor
YYY= No Return Fan
J K Y
- Always Y
- A= Open Drip-proof motor
- E= High Eff. ODP motor
- F= High Eff. VAV motor
- G= Totally- Enclosed motor
- H= High Eff. Totally-Enclosed
- J= Premium Eff. ODP
- K= Premium Eff. Totally- Encl.

J= 5.0 HP	P= 25.0 HP
K= 7.5 HP	Q= 30.0 HP
L= 10.0 HP	R= 40.0 HP
M= 15.0 HP	S= 50.0 HP
N= 20.0 HP	T= 60.0 HP

(prop exhaust option is always J [5.0 HP])

Code 23= Return Air Fan Drive Selection
YYYY= No Return Air Fan
_ _ _ _ A
- Required RPM
- Service Factor/Pitch Type
- A= Std. SF/Fixed Pitch
- B= 150% SF/Fixed Pitch
- C= Std. SF/Variable Pitch
- D= 150% SF/Variable Pitch

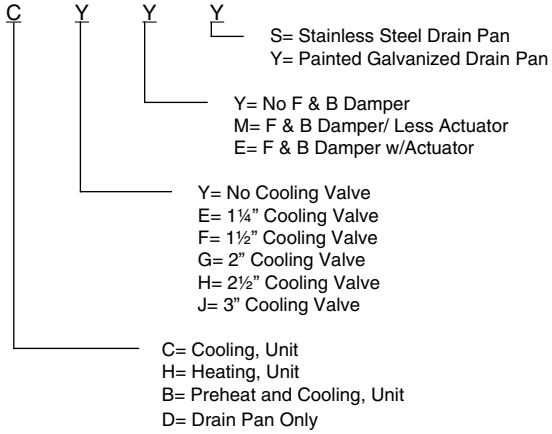
Nomenclature
Continued

Code 24= Exhaust Fans
Y= None
2= 2 Prop Exhaust Fan w/ Hood
3= 3 Prop Exhaust Fans + Hood

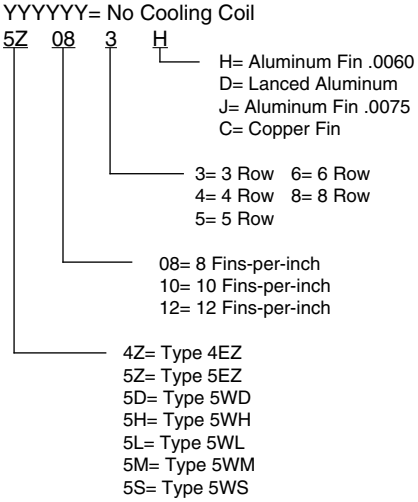
Code 25= Draw-Thru Filter Section
AA= Angular/Throwaway
AB= Angular/30% Throwaway
AC= Angular/30%/Intersept
AY= Angular/No Media
DB= Angular w/LO CFM Blender/30% Throwaway
DC= Angular w/LO CFM Blender/30%/Intersept
DY= Angular w/LO CFM Blender/No Media
EB= Angular w/HI CFM Blender/30% Throwaway
EC= Angular w/HI CFM Blender/30%/Intersept
EY= Angular w/HI CFM Blender/No Media
FA= Low Flat/ 30%Throwaway
FB= Low Flat/30%/Intersept
FD= Low Flow Flat/65% Cartridge
FE= Low Flow Flat/95% Cartridge
FG= Low Flow Flat/95% Cartridge/Intersept
FY= Low Flow Flat/Rack Only
HA= Low Flow Flat w/HI CFM Blender/30%Throwaway
HB= Low Flow Flat w/HI CFM Blender/30%/Intersept
HD= Low Flow Flat w/HI CFM Blender/65% Cartridge
HE= Low Flow Flat w/HI CFM Blender/95% Cartridge
HG= Low Flow Flat w/HI CFM Blender/95% Cartridge/ Intersept
HY= Low Flow Flat w/HI CFM Blender/Rack Only
LD= Large Staggered/65% Cartridge
LE= Large Staggered/95% Cartridge
LG= Large Staggered/95% Cartridge/Intersept
LY= Large Staggered/Rack Only
SD= Staggered/65% Cartridge
SE= Staggered/95% Cartridge
SG= Staggered/95% Cartridge/Intersept
SY= Staggered/Rack Only
VD= Staggered w/HI CFM Blender/65% Cartridge
VE= Staggered w/HI CFM Blender/95% Cartridge
VG= Staggered w/HI CFM Blender/95% Cartridge/Intersept
VY= Staggered w/HI CFM Blender/Rack Only
BY= Blank 24" Section- less filters and rack
CY= Blank 48" Section- less filters and rack

Code 26= Blank Draw-thru Section
Y= None
S= Blank 48" Section

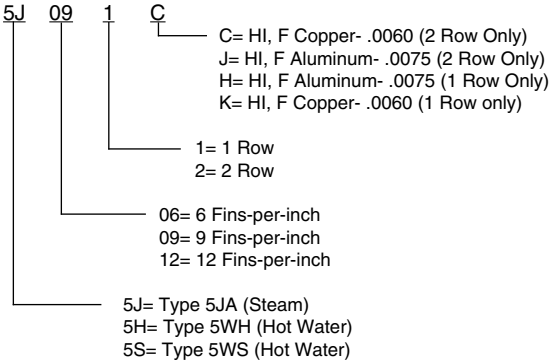
Code 27= Draw-Thru Drain Pan/Cooling Coil Section
YYYY= None


C Y Y Y
S= Stainless Steel Drain Pan
Y= Painted Galvanized Drain Pan
Y= No F & B Damper
M= F & B Damper/ Less Actuator
E= F & B Damper w/Actuator
Y= No Cooling Valve
E= 1¼" Cooling Valve
F= 1½" Cooling Valve
G= 2" Cooling Valve
H= 2½" Cooling Valve
J= 3" Cooling Valve
C= Cooling, Unit
H= Heating, Unit
B= Preheat and Cooling, Unit
D= Drain Pan Only

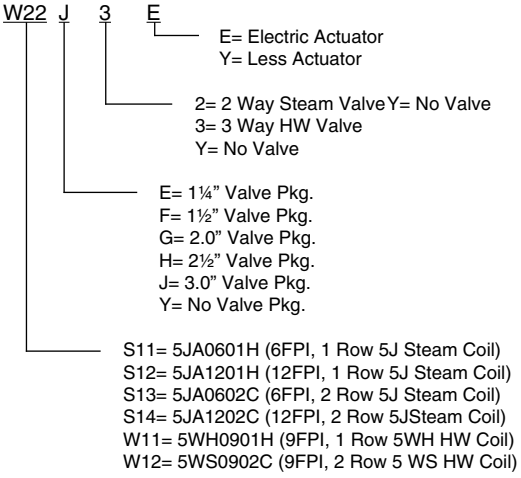
Code 28= Draw-Thru Cooling Coil
YYYYYY= No Cooling Coil



Code 29= Draw-Thru Heating Coil (1st in airstream)
YYYYYY= No Heating Coil


5J 09 1 C
C= HI, F Copper- .0060 (2 Row Only)
J= HI, F Aluminum- .0075 (2 Row Only)
H= HI, F Aluminum- .0075 (1 Row Only)
K= HI, F Copper- .0060 (1 Row only)
1= 1 Row
2= 2 Row
06= 6 Fins-per-inch
09= 9 Fins-per-inch
12= 12 Fins-per-inch
5J= Type 5JA (Steam)
5H= Type 5WH (Hot Water)
5S= Type 5WS (Hot Water)

Code 30= Draw-Thru Heating Section or Blank Spacer Section
YYYYYY= No Heating Section
BBBBBB= Blank 48" Section
Hydronic Heat


W22 J 3 E
E= Electric Actuator
Y= Less Actuator
2= 2 Way Steam Valve Y= No Valve
3= 3 Way HW Valve
Y= No Valve
E= 1¼" Valve Pkg.
F= 1½" Valve Pkg.
G= 2.0" Valve Pkg.
H= 2½" Valve Pkg.
J= 3.0" Valve Pkg.
Y= No Valve Pkg.
S11= 5JA0601H (6FPI, 1 Row 5J Steam Coil)
S12= 5JA1201H (12FPI, 1 Row 5J Steam Coil)
S13= 5JA0602C (6FPI, 2 Row 5J Steam Coil)
S14= 5JA1202C (12FPI, 2 Row 5JSteam Coil)
W11= 5WH0901H (9FPI, 1 Row 5WH HW Coil)
W12= 5WS0902C (9FPI, 2 Row 5 WS HW Coil)

Nomenclature
Continued

Code 31= Supply Air Fan
33A()= 33" Airfoil Double Width, w/o vanes
33V()= 33" Airfoil Double Width, w/vanes
33F()= 33" Forward Curved, LP
33M()= 33"Forward Curved, MP
36A()= 36" Airfoil Double Width, w/o vanes
36V()= 36" Airfoil Double Width, w/vanes
36F()= 36" Forward Curved, LP
36M()= 36"Forward Curved, MP
40A()= 40" Airfoil Double Width, w/o vanes
40V()= 40" Airfoil Double Width, w/vanes
44B()= 44" Airfoil Single Width, w/o vanes
44W()= 44" Airfoil Single Width, w/vanes
49B()= 49" Airfoil Single Width, w/o vanes
49W()= 49" Airfoil Single Width, w/vanes
()= Fan Isolators:
1= RIS
2= Spring
3= Spring w/Seismic Snubbers

Code 32= Supply Air Fan Motor

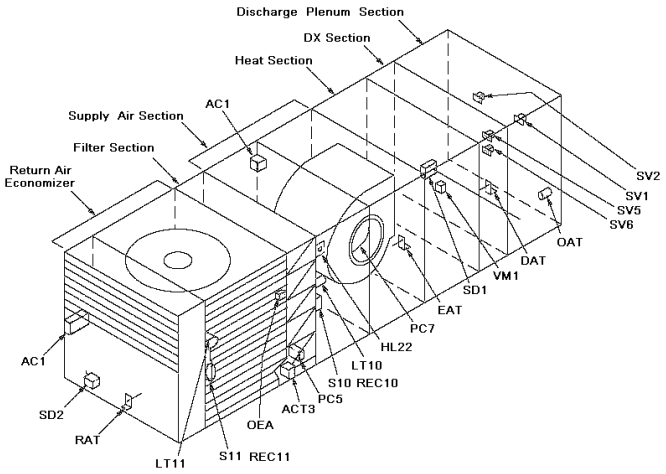
E A Y
- Y: Always Y
- A: A= Open Drip-proof motor; H= High Eff. Totally-Enclosed; E= High Eff. ODP motor; J= Premium Eff. ODP Motor; F= High Eff. VAV; K= Premium Eff. Totally-Enclosed; G= Totally- Enclosed motor
- E:

H= 3.0 HP	P= 25.0 HP
J= 5.0 HP	Q= 30.0 HP
K= 7.5 HP	R= 40.0 HP
L= 10.0 HP	S= 50.0 HP
M= 15.0 HP	T= 60.0 HP
N= 20.0 HP	U= 75.0 HP

Code 33= Supply Air Fan Drive Selection

____A
- Required RPM
- A: Service Factor/Pitch Type; A= Std. SF/Fixed Pitch; B= 150% SF/Fixed Pitch; C= Std. SF/Variable Pitch; D= 150% SF/Variable Pitch

Control Locations



Code 34= Blow Thru Heat Section
YYYYY= No section, cooling only
BBBBBB= Blank 48" section, no heat, cooling only
Gas Heat Breakdown:

079 S S C
- C: A= Low CFM Baffle Position; B= Medium CFM Baffle Position; C= High CFM Baffle Position; D= Extra High CFM; Y= None
- S: A= One Stage Heat/Maximum gas pressure= 0.5 psi; P= One Stage Heat/ with H.P. Regulator Range= 2- 3 psi; Q= One Stage Heat/ with H.P. Regulator Range= 5- 10 psi; E= Modulating Burner/Maximum gas pressure= 0.5 psi; R= Modulating Burner/with H.P. Regulator Range= 2- 3 psi; S= Modulating Burner/with H.P. Regulator Range= 5- 10 psi; H= Hi Turn Down Burner 20:1; T= Hi Turn Down Burner 20:1/with H.P. Reg. Range= 2- 3 psi; U= Hi Turn Down Burner 20:1/with H.P. Reg. Range= 5- 10 psi
- S: A= Aluminized Steel Secondary Heat Exchanger; S= Stainless Steel Heat Exchanger
- 079: MBH (in 10's) ex. 065= 650 MBH [050,064,065,079,080,100110,140,150,200]

Hydronic Heat Breakdown:

W22 J 3 E
- E: E= Electric Actuator; Y= Less Actuator
- 3: 2= 2 Way Steam Valve; 3= 3 Way HW Valve; Y= No Valve
- J:

E= 1¼" Valve Pkg.	H= 2½" Valve Pkg.
F= 1½" Valve Pkg.	J= 3.0" Valve Pkg.
G= 2.0" Valve Pkg.	Y= No Valve Pkg.

- W22: S11= 5JA0601H (6FPI, 1 Row 5J Steam Coil); S12= 5JA1201H (12FPI, 1 Row 5J Steam Coil); S13= 5JA0602C (6FPI, 2 Row 5J Steam Coil); S14= 5JA1202C (12FPI, 2 Row 5J Steam Coil); W11= 5WH0901H (9FPI, 1 Row 5WH HW Coil); W22= 5WS0902C (9FPI, 2 Row 5 WS HW Coil)

Electric Heat Breakdown:

E020 1 Y
- Y: Always Y
- 1: 1= 1 Stage; 2= 2 Stages; 4= 4 Stages; 6= 6 Stages
- E020:

E020= 20 KW Heater	E200= 200 KW Heater
E040= 40 KW Heater	E240= 240 KW Heater
E060= 60 KW Heater	E280= 280 KW Heater
E080= 80 KW Heater	E320= 320 KW Heater
E100= 100 KW Heater	
E120= 120 KW Heater	
E160= 160 KW Heater	

Nomenclature
Continued

Code 35= Draw-Thru Drain Pan/Cooling/Heating Coil Section
YYYY= None

C Y Y Y

- Y (4th): S= Stainless Steel Drain Pan; Y= Painted Galvanized Drain Pan
- Y (3rd): Y= No F & B Damper; M= F & B Damper/ Less Actuator; E= F & B Damper w/Actuator
- Y (2nd): Y= No Cooling Valve; E= 1¼" Cooling Valve; F= 1½" Cooling Valve; G= 2" Cooling Valve; H= 2½" Cooling Valve; J= 3" Cooling Valve
- C (1st): B= Preheat and Cooling, Unit; C= Cooling, Unit; D= Drain Pan Only; H= Heating, Unit

Code 36= Draw-Thru Cooling Coil
YYYYYY= No Cooling Coil

5Z 08 3 H

- H (6th): H= Aluminum Fin; D= Lanced Aluminum; C= Copper Fin
- 3 (5th): 3= 3 Row; 4= 4 Row; 5= 5 Row; 6= 6 Row; 8= 8 Row
- 08 (4th-3rd): 08= 8 Fins-per-inch; 10= 10 Fins-per-inch; 12= 12 Fins-per-inch
- 5Z (2nd-1st): 4Z= Type 4EZ; 5Z= Type 5EZ; 5D= Type 5WD; 5H= Type 5WH; 5L= Type 5WL; 5M= Type 5WM; 5S= Type 5WS

Code 37= Draw-Thru Heating Coil (1st in airstream)
(Code 35 must= B*** or H***)
YYYYYY= No Heating Coil

5J 09 1 C

- C (6th): C= HI, F Copper- .0060 (2 Row Only); J= HI, F Aluminum- .0075 (2 Row Only); H= HI, F Aluminum- .0075 (1 Row Only); K= HI, F Copper- .0060 (1 Row only)
- 1 (5th): 1= 1 Row; 2= 2 Row
- 09 (4th-3rd): 06= 6 Fins-per-inch; 09= 9 Fins-per-inch; 12= 12 Fins-per-inch
- 5J (2nd-1st): 5J= Type 5JA (RAH only); 5H= Type 5WH (RAH only); 5S= Type 5WS (RAH only)

Code 38= Blow-Thru Blank Access Section
Y= None- no section
B= Blank Section after Heat Section- 48" section

Code 39= Final Filter Section
Y= None
A= Flat filter section, 95% cartridge, 24/24"
B= Flat filter section, 95% cartridge, 24/48"
C= Blank- 24/24" section
D= Blank- 24/48" section
E= Flat filter section, 95% cartridge, 24/24" with Intersept
F= Flat filter section, 95% cartridge, 24/48" with Intersept

Code 40= Discharge Plenum
BY= Bottom Discharge
GY= Bottom Discharge (SW Supply Fan Only)
BB= Bottom Discharge w/Burglar Bars
GB= Bottom Discharge w/Burglar Bars (SW Supply Fan Only)
BE= Bottom Discharge w/Discharge Damper (VAV)
BD= Bottom Discharge w/Discharge Damper no Actuator
SY= LH Side Discharge (SW Supply Fan only)
HY= LH Side Discharge (SW Supply Fan only)
FY= Front Discharge

Code 41= Blank Compartment Section- Out of Airstream
Y= None- no selection required
1= 48/24" Blank Section only- out of airstream with light
2= 48" Blank Section only- out of airstream with light

Code 42 - 48= Do Not Apply to RAH Units

Code 49= Supply and Return Fan Options
Y= None
A= SA Fan Belt Guard
B= SA Fan Section Light
C= A & B
D= SA & RA Fan Belt Guard
E= SA & RA Light
F= D & E

Code 50= Misc.

Code 51= Packaging

Code 52= Parts Warranty

Code 53= Compressor Warranty

Code 54= Heat Exchanger Warranty

Electrical Legend

Schematic Sym.	Description	Location
ACT1	Actuator Motor, Supply Fan Vanes	Supply Air Section
ACT2	Actuator Motor, Return Fan Vanes	Return Air Section
ACT4	Actuator Motor, Economizer Dampers	Economizer Section
ACT5	Actuator Motor, Discharge Isolation Damper	Discharge Section
ACT6	Actuator Motor, Return Air Isolation Damper	Return Air Section
ACT7	Actuator Motor, Heat Face/Bypass	Coil Section, Heat
ACT8	Actuator Motor, Cool Face/Bypass	Coil Section, Cool
ACT 10, 11	Actuator Motors, Exhaust Dampers	Return Air Section
ACT12	Actuator Motor, Economizer Bypass Damper	Heat Recovery Section
ADI	ADI Board	Main Control Box
AFD10	Adjustable Frequency Drive (Inverter), Supply Fan	AFD or Supply Fan Sect.
AFD20	Adjustable Frequency Drive (Inverter), Return Fan	AFD or Supply Fan Sect.
AS	Blower Air Switch	Furnace Section
BM	Burner Blower Motor	Furnace Section
C9, 10	Power Factor Capacitors, Supply Fan	Supply Air Section
CB10	Circuit Breaker, Supply Fan	Main Control Box
CB20	Circuit Breaker, Return Fan	Main Control Box
CPC	Circuit Board, Main, MicroTech Controller	Main Control Box
CPR	Circuit Board, Expansion, Main Controller	Main Control Box
DAT	Discharge Air Temperature Sensor	Discharge section
DB1	Daughter Board	Main Control Box
DFLH	Design Flow Sensor, Left Hand	Return Section
DFRH	Design Flow Sensor, Right Hand	Return Section
DHL	Duct High Limit	Main Control Box
DS1	Disconnect	Main Control Box
DS2	Disconnect, SAF/RAF/Controls	Main Control Box
DS3	Disconnect, Electric Heat	Electric Heat Section
DS6	Disconnect, Unit Supplied 120V Power	Bulkhead
EAT	Exhaust Air Temperature Sensor	Heat Recovery Section
EFT	Entering Air Temperature Sensor	Supply Fan Section
EXPA, B, D	Expansion Board	Main Control Box
F1, 1A	Fuse, Control Circuit, T1 Primary	Main Control Box
F1C	Fuse, Control Circuit, T1 Secondary	Main Control Box
F2	Fuse, Control Circuit	Condenser Control Box
F3	Fuse, Burner Motor	Main Control Box
F4	Fuse, T4 Transformer	Main Control Box
FB8	Fuseblock, Main Transformer	Main Control Box
FB9, 10	Fuseblocks, Supply Fan	Main Control Box
FB19, 20	Fuseblocks, Return Fan	Main Control Box
FB31-40	Fuseblocks, Electric Heat (Top Bank)	Electric Heat Section
FB41-50	Fuseblocks, Electric Heat (Bottom Bank)	Electric Heat Section
FD	Flame Detector	Furnace Section
FLC	Fan Limit Control	Furnace Section
FS1	Freezestat	Coil Section, Heat/Cool
FSG	Flame Safeguard	Furnace Section
GCB1	Generic Condenser Board	Main Control Box
GFS1/GFR1,2	Ground Fault Sensor/Relay	Main Control Box
GRD	Ground	All Control Boxes
GV1	Gas Valve, Pilot	Furnace Section
GV2, 3	Gas Valves, Main	Furnace Section
GV4-8	Gas Valve, Hi-Turn Down	Furnace Section
HL 1-10	High Limits, Elec. Heaters, Power (Top Bank)	Electric Heat Section
HL 11-20	High Limits, Elec. Heaters, Power (Bottom Bank)	Electric Heat Section

Electrical Legend
Continued

Schematic Sym.	Description	Location
HL22	High Limit, Gas Heat (Prefilters)	Supply Air Section
HL23	High Limit, Gas Heat (Final Filter)	Final Filter Section
HL31-40	High Limits, Elec. Heaters, Control (Top Bank)	Electric Heat Section
HL41-50	High Limits, Elec. Heaters, Control (Bottom Bank)	Electric Heat Section
HP1-4	High Pressure Controls, Refrigerant	On Compressors
HP5	High Pressure Control, Gas	Furnace Section
HS1	Heat Switch, Electric, Shutdown	Main Control Box
HUM1	Humidistat Sensor	Heat Recovery Section
IT	Ignition Transformer	Furnace Section
LP5	Low Pressure Control, Gas	Furnace Section
LT2	Light, Furnace On	Furnace Section
LT3	Light, Pilot Gas Valve On	Furnace Section
LT4	Light, Main Gas Valve On	Furnace Section
LT10	Light, Supply Fan	Supply Air Section
LT11	Light, Return Fan	Return Air Section
LT12	Light, Heat Section	Heat Section
LT13	Light, Filter Section	Filter Section
LT14	Light, Final Filter Section	Final Filter Section
LT15	Light, Discharge Section	Discharge Section
LT16	Light, Blow-through Coil Section	Blow-thru Coil Section
LT17	Light, Evaporator Coil Section	Evaporator Coil Section
LT18	Light, Preheat Section	Preheat Section
LT19	Light, Blank Section	Blank Section
LT20	Light, Blank Compartment	Blank Compartment
M9, 10	Contactors, Supply Fan	Main Control Box
M19,20	Contactors, Return Fan	Main Control Box
M29	Contactor, Burner Motor	Furnace Section
MAT	Mixed Air Temperature Sensor	Supply Air Section
M30	Contactor, Supply Fan Inverter	Inverter Bypass Box
M31-39	Contactors, Elec. Heaters (Top Bank)	Electric Heat Section
M40	Contactor, Return Fan Inverter	Inverter Bypass Box
M41-50	Contactors, Elec. Heaters (Bottom Bank)	Electric Heat Section
M51, 52	Contactors, Prop Exhaust Fan Motor	Return Air Section
MCB	Microprocessor Control Board	Main Control Box
MCB1	Microprocessor Control Board #1	Main Control Box
MJ	Mechanical Jumpers	Terminal Blocks
MMP10	Manual Motor Protector, Supply Fan	Main Control Box
MMP20	Manual Motor Protector, Return fan	Main Control Box
MMP51,52	Manual Motor Protectors, Prop Exhaust Fans	Return Air Section
NB1, 2	Neutral Blocks	Main Control Box
OAE	Outside Air Enthalpy Control	Economizer Section
OAT	Outside Air Temperature Sensor	Discharge Bulkhead
OBA	Output Board A, Standard	Main Control Box
OBB	Output Board B, Cooling	Main Control Box
OBC	Output Board C, Heating	Main Control Box
OL 9, 10	Overload Relays, Supply Fan	Main Control Box
OL 19,20	Overload Relays, Return Fan	Main Control Box
OL 51,52	Overload Relays, Prop Exhaust Fan Motor	Return Air Section
PB1	Powerblock	Main Control Box
PB2	Powerblock, SAF/RAF/Controls	Main Control Box
PB3	Powerblock, Electric Heat	Electric Heat Section

Electrical Legend
Continued

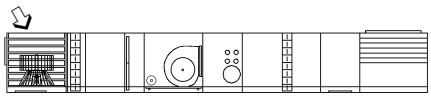
Schematic Sym.	Description	Location
PB9, 10	Powerblock, Supply Fan	Unit Split Junction Box
PB11, 12	Power Block, Power Distribution	Main Control Box
PB19, 20	Powerblock, Return Fan	Unit Split Junction Box
PB31	Power Block, DS3 Power Distribution	Electric Heat Control Box
PC5	Pressure Control, Clogged Filter	Filter Section
PC6	Pressure Control, Clogged Final Filter	Final Filter Section
PC7	Pressure Control, Proof of Airflow	Supply Air Filter
PC8	Pressure Control, Minimum Airflow	Evaporator Coil Section
PM1	Phone Modem	Main Control Box
PVM1,2	Phase Voltage Monitor	Main Control Box
R1, 2	Relays, High Pressure Reset	Main Control Box
R3, 4	Relays, Hi Pressure Delay	Main Control Box
R19, 20	Relays, Cool Failure Indicator	Main Control Box
R20	Relay, Gas, Steam, Hot Water Heat	Main Control Box
R21, 22	Relays, Gas Heat	Furnace Section
R23	Relay, Gas Heat, Modulating Valve or Electric Heat	Furnace Sect./Elec. Ht. CB
R24	Relay, Gas Heat Alarm	Main Control Box
R25	Relay, Gas Heat Start, Supply Fan Inverter	Main Control Box
R26	Relay, Occupied/Unoccupied	Main Control Box
R27	Relay, Exhaust Dampers	Main Control Box
R28	Relay, Isolation Dampers	Main Control Box
R29	Relay, Remote Fire Alarm	Main Control Box
R30	Relay, Cool Valve w/ F&B	Main Control Box
R45	Relay, UV Lights	Main Control Box
R46, 47	Relays, Supply Fan Inverter increase/decrease	Main Control Box
R48, 49	Relays, Return fan Inverter increase/decrease	Main Control Box
R62-64	Relays, Special	Main Control Box
R63	Relay, Return Fan Inverter	Main Control Box
R66	Relay, RA Smoke Detector	Main Control Box
R67	Relay, Supply Fan Enable	Main Control Box
R68	Relay, Return Fan Enable	Main Control Box
R69	Relay, Inverter Bypass VAV Box Interlock	Main Control Box
R81-88	Relays, Smoke	Main Control Box
RAE	Return Air Enthalpy Sensor	Return Air Section
RAT	Return Air Temperature Sensor	Return Air Section
REC1	Receptacle, Main Box	Main Control Box
REC3	Receptacle, Field Power, 115V	Discharge Bulkhead
REC10-23	Receptacles, Cabinet Section	Cabinet Sections
S1	Switch, System On/Off	Main Control Box
S3	Switch, Furnace On/Off	Furnace Section
S4	Switch, Inverter Bypass On/Off	Main Control Box
S6	Switch, Return Fan Vanes Adjustment	Main Control Box
S7	Switch, Local On/Off/Auto to Controller	Main Control Box
S10-22	Switches, Cabinet Section Lights	Cabinet Sections
S40-45	Switches, Door Interlock, UV Lights	Cabinet Sections
SAT	Supply Air Temperature Sensor	Discharge Section
SB1	Staging Board #1, Cooling	Main Control Box
SB2	Staging Board #2, Heating	Main Control Box
SD1	Smoke Detector, Supply Air	Discharge Section
SD2	Smoke Detector, Return Air	Return Air Section
SPS1, 2, 3	Static Pressure Sensors, Duct or Building	Main Control Box
SPS5	Static Pressure Sensor, Clogged Filter	Filter Section

Electrical Legend
Continued

Schematic Sym.	Description	Location
SPS6	Static Pressure Sensor, Clogged Final Filter	Final Filter Section
SR1-3	Sequence Relays, Electric Heat	Electric Heat Section
SV1-4	Solenoid Valves, Liquid	Discharge Bulkhead
SV5-8	Solenoid Valves, Hot Gas	Discharge Bulkhead
T1	Transformer, Main Control	Main Control Box
T2	Transformer, Unit 24V	Main Control Box
T3	Transformer, Controller, 18V	Main Control Box
T4	Transformer, Exhaust Dampers	Main Control Box
T5	Transformer, Electric Heat	Electric Heat Section
T6	Transformer, Unit Supplied 120V Power	Bulkhead
T7	Transformer, Gas Pilot Valve	Furnace Section
T8	Transformer, Gas Main Valve	Furnace Section
T9	Transformer, 24V Refrigerant Circuit	Main Control Box
TB1	Terminal Block, 115V, Field	Main Control Box
TB2	Terminal Block, 24V, Field	Main Control Box
TB5	Terminal Block, 115V, Factory	Main Control Box
TB6	Terminal Block, 115V/24V, Factory	Main Control Box
TB7, 8	Terminal Block, 24V, Factory	Main Control Box
TB10	Terminal Block, Heating	Main Control Box
TB11	Terminal Block, Heating	Electric Heat Section
TB12, 13	Terminal Blocks, Electric Heat, Power	Electric Heat Section
TB25	Terminal 115V Factory	Unit Split Junction Box
TB27, 28	Terminal 24V Factory	Unit Split Junction Box
TD3, 4	Time Delays, High Pressure	Main/Cond. Control Box
TD9	Time Delay, Supply Fan Part Winding	Main Control Box
TD10	Time Delay, Hi-Turn Down Burner	Furnace Section
TD11, 12	Time Delays, Low Ambient	Cond. Control Box
TD19	Time Delays, Return Fan Part Winding	Main Control Box
TR1, 2	Transducer, Pressure	Main Control Box
VM1	Valve Motor, Heating	Heating Section
VM5	Valve Motor, Cooling	Coil Section, Cool
VV1	Vent Valve	Furnace Section
ZNT1	Zone Temperature Sensor, Control	Field Installed
ZNT2-5	Zone Temperature Sensors, Special	Field Installed

Section A- Outdoor/Return Air Section

Notes



Primary Codes that pertain: 19, 20, 21, 22, 23
Additional Codes that pertain: 06, 09, 12, 14, 15, 16, 17, 49

Codes 19 and 20 determine the base section. Code 19 is the Return Air Plenum, and determines if the unit has back (a.k.a. horizontal) return air, bottom return air, or side return air. The plenum is required for any outdoor air application with an economizer (Code 20= BE, BY, DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE or JY). The only case in which a plenum is not required is when a 100% outdoor air damper and hood are ordered (C20= AE, AY).

Codes 21, 22, 23 determine the return air fan, motor and drives. These codes only pertain to units with a 0-100% economizer (C20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE or JY). The fan section parts, the fans, and the motors are listed in this section. **The drive components (fan sheave, motor sheave, belt, and fan bushing) are not listed as they are unique to the unit. If a drive component is required you may use the number from the part and cross reference it with the Drive Components Cross Reference form number: 571006, or contact Daikin McQuay Parts to ensure that the needed part(s) are correctly identified**. The motors range anywhere from 5- 60 horsepower, and the fan wheel is 40".

Code 06 determines the panels used in final cabinet assembly (return air units only).

Code 09, the voltage, is part of the motor part number identification.

Code 12, the control system comes into play when an economizer is present. The economizer comes with an actuator motor on any MicroTech unit (C12= 1M, 2M, 3M, 4M, or 5M [original MicroTech] or L*, B*, E* or S* [MicroTech II or MicroTech III]), but may not have a motor if the unit has controls by others (C12= YC or YM).

Code 14 determines if the return fan has an inverter, or variable frequency drive. If code 14 equals 1-9 (or X for units built prior to 2000) , then the unit has inverters, and cannot, therefore have wheels with variable inlet vanes (which haven't been used on production units since 2003).

Code 15, determines if Variable Inlet Vanes (VIV) are present (these haven't been used on production units since 2003). If code 15= 2 or 4, they are present on the return fan.

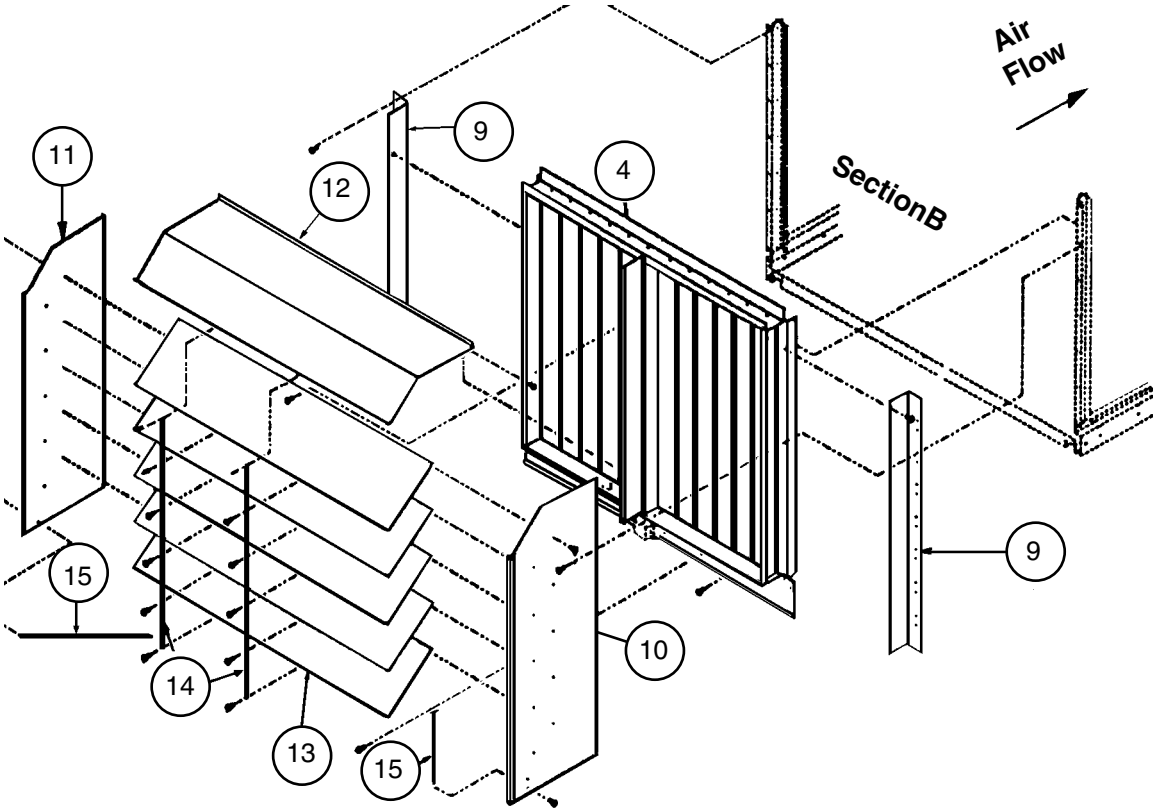
Code 16 determines if a smoke detector is located in the return air cabinet. If C16= 1 or 3, a smoke detector (SD2) is present.

Code 17 determines the Enthalpy Control. If C17= Y* and the unit has an economizer there is a mechanical enthalpy control (OAE). If C17= C*, there is a differential enthalpy control (OAE + RAE).

Code 49 determines if the return air cabinet has a light, switch and receptacle (C49= B), fan belt guards (C49= D) or both (C49= F).

Section A- Outdoor/Return Air Section

100% Outside Air Damper with Hood
C20= AE or AY and C19= YY
No Return Air Plenum



Ref. No.	Part Description	Actuator		Qty.
		C20= AE	C20= AY	
4	Damper Assy [1]	055979603	055979602	1
	Damper Only	098313801	039813801	1
9	Liner	056132701	056132701	2
10	Panel- Hood Side	056132203	056132203	1
11	Panel- Hood Side	056132204	056132204	1
12	Panel- Hood Top	056131802	056131802	1
13	Louver	056132002	056132002	5
14	Channel- Support	056132403	056132403	2
15	Channel- Support	056132102	056132102	2

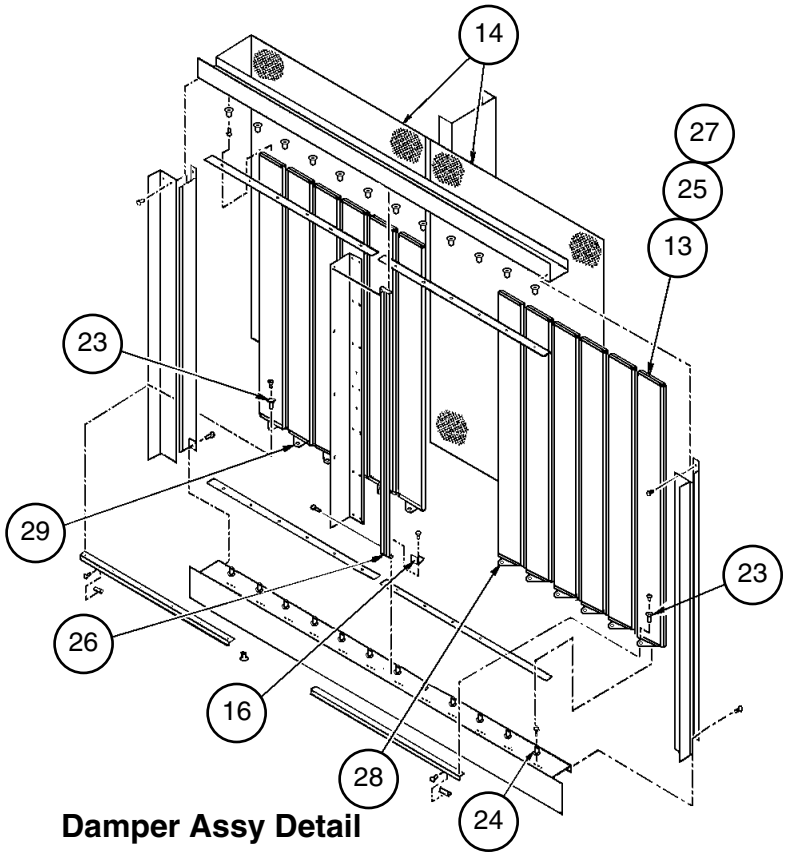
[1] Complete assy includes the damper assy and linkage (no actuator) or actuator assy. For Damper components see the following page.

Note: The outdoor air damper with actuator (C20= AE) must have MicroTech controls. Dampers without actuators (C20= AY) must have controls by others (12= YM, YC).

Section A- Outdoor/Return Air Section

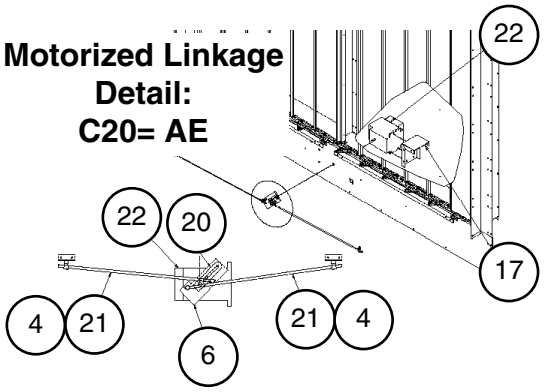
100% Outside Air Damper

C20= AE or AY and C19= YY

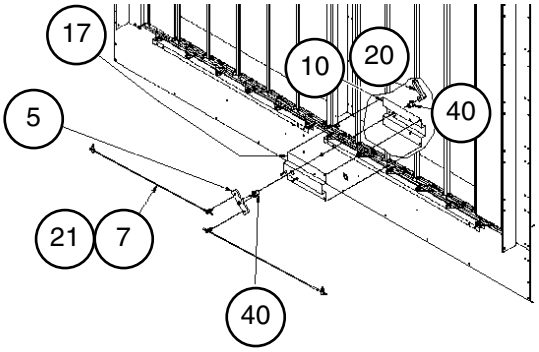


Damper Assy Detail

Motorized Linkage Detail: C20= AE



Manual Linkage Detail: C20= AY

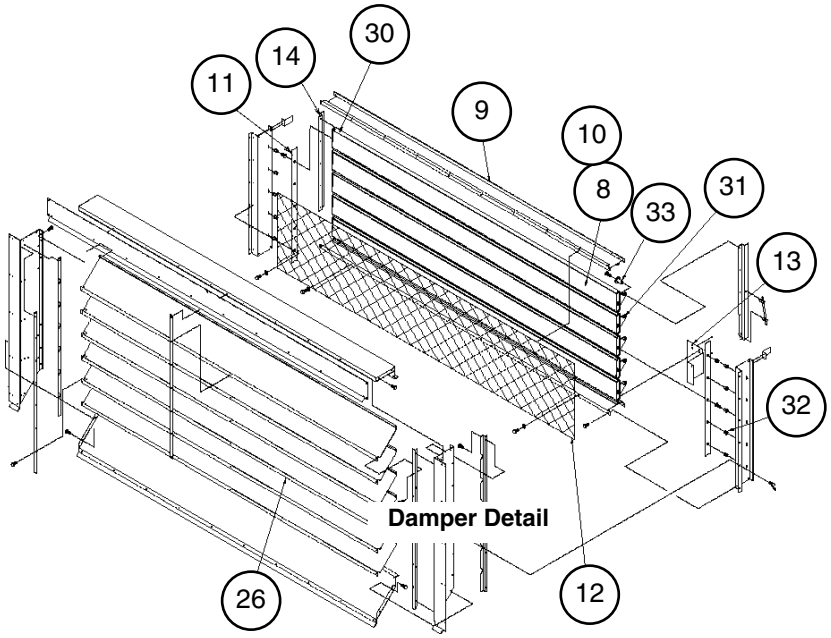


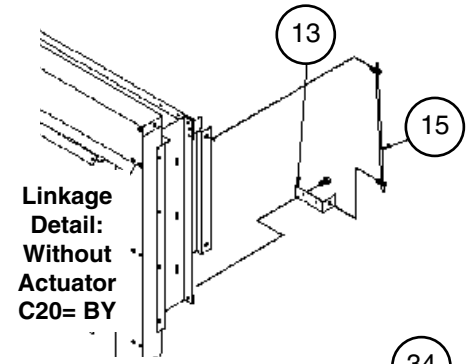
Ref. No.	Part Description	Actuator		Qty.
		C20= AE	C20= AY	
4	Shaft- Linkage	055979701	not used	2
5	Shaft Assy	not used	056081001	1
6	Adapter Plate- CrankArm	055542001	not used	1
7	Shaft- Linkage	not used	055536609	2
10	Channel- Support	not used	056080601	1
13	Blade- Damper	044195103	044195103	13
14	Grille	055982601	055982601	2
16	Stop/Anti- Rotate- Damper	065779801	065779801	2
17	Support- Damper Motor	055982001	not used	1
	Support- Damper	not used	056080701	1
20	Crank Arm- Damper	032279200	not used	1
	Crank Arm- Adjustable	not used	025072600	1
21	Ball Joint- Damper	000887000	000887000	4
22	Actuator- Motorized ACT3	059999804	not used	1
23	Bushing- Linkage Bar, Nylon	046098300	046098300	12
24	Bushing- Damper Blade, Nylon	043730400	043730400	24
25	Gasket- Vinyl	044193116	044193116	12
26	Gasket- Vinyl	045655716	045655716	1
27	Plug- Damper End	041003501	041003501	12
28	Plug- Damper End	041003502	041003502	6
29	Plug- Damper End	041003503	041003503	6
40	Bearing- Sleeve	not used	047138504	2

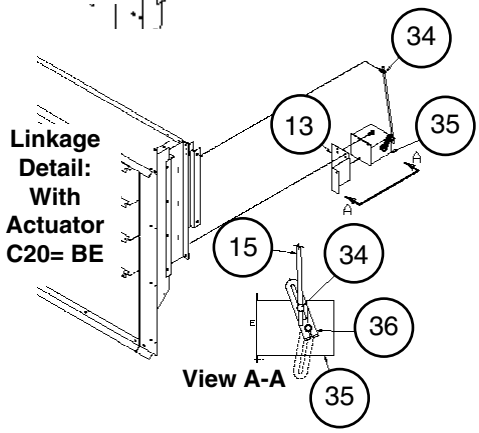
Section A- Outdoor/Return Air Section

0 - 30% Outside Air Section w/ ACT3

C20= BE or BY and C19= BE, BY, or HY







Ref. No.	Part Description		Actuator C20= BE	Actuator C20= BY,HY	Qty.
	Damper Assembly- Complete [1]		055608703	055608702	1
	Damper Assembly [2]		098314001	098314001	1
8	Blade- Damper		044193212	044193212	5
9	Gasket- Vinyl		055940203	055940203	1
10	Gasket- Vinyl		044193124	044193124	5
11	Seal- End		055942501	055942501	2
12	Grille		055942601	055942601	1
13	Support- Motor		055595701		1
	Rod- Support Angle			055608601	1
14	Bar- Linkage		055942701	055942701	2
15	Shaft- Linkage		055536608	055536608	1
26	Louver		055593202	055593202	6
30	Plug- End		041003505	041003505	5
31	Plug- End		041003506	041003506	5
32	Bushing- Damper Blade		043730400	043730400	10
33	Bushing- Linkage Bar, Nylon		046098300	046098300	10
34	Ball Joint- Damper		000887000	not used	2
35	Actuator- Motorized, 120V	ACT3	059999804	not used	1
36	Crank Arm- Damper		032279200	not used	1
N/S	Isolation Damper	C19= BE only [3]	055942906	055942906	1
N/S	Isolation Damper	C19= BD only [3]	055942926	055942926	1

N/S= Not Shown on Diagram.

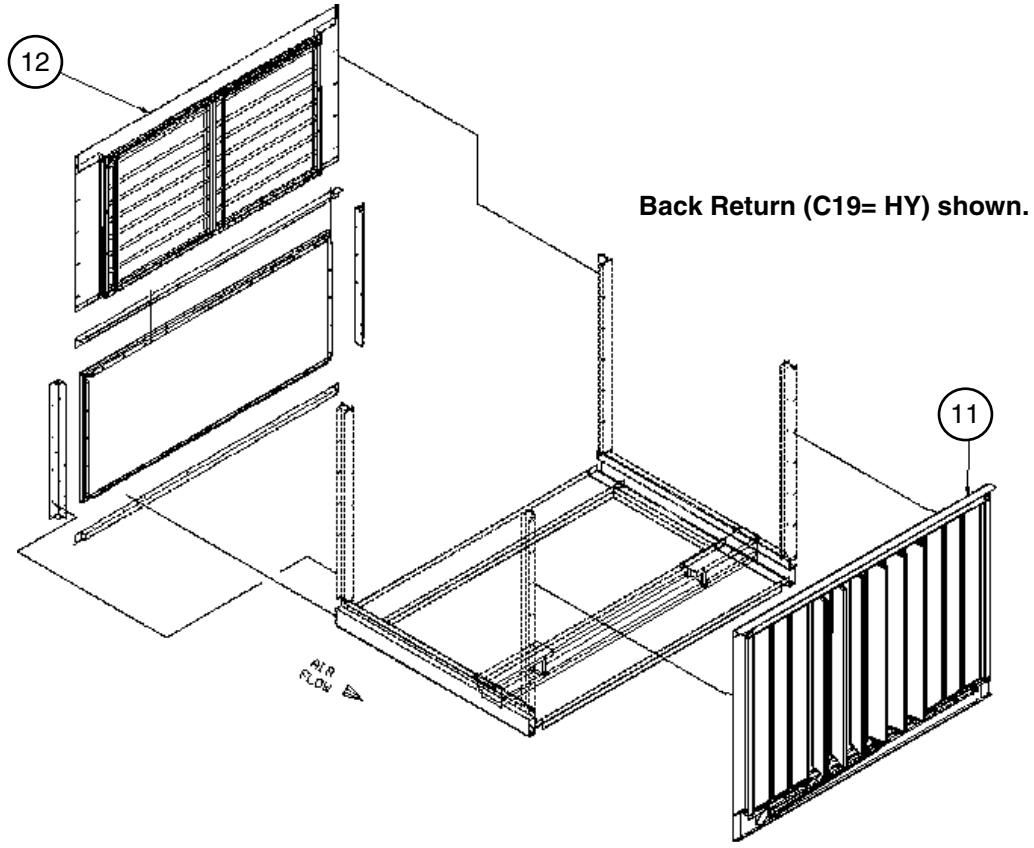
[1] Complete assy includes the damper assy and linkage (no actuator) or actuator assy.

[2] Damper only, no linkage or actuator components.

[3] Details follow exhaust damper section.

Section A- Outdoor/Return Air Section

0- 100% Economizer Section with Barometric Exhaust Damper
Units without Return Air Fans
C20= DE, DY, EE, EY, FE, FY, GE, or GY, C21= YYYY



Back Return (C19= HY) shown.

Ref No.	Part Description		Part Number	Qty.
11	Economizer Damper [1]			
	w/Act.(C20= DE, EE, FE, GE)		055941103	1
	w/o Act. (C20= DY, EY, FY, GY)		055941102	1
12	Exhaust Damper Assy [2]	until 1/05		
	Powered (C20= EE, EY, GE, GY)		055929902	1
	Barometric (C20= DE, DY, FE, FY)		055929901	1
	Exhaust Damper Assy	1/05 & later		
	Powered (C20= EE, EY, GE, GY)		112040401	1
	Barometric (C20= DE, DY, FE, FY)		112039601	1
N/S	Isolation Damper	C19= BE only [3]	055942906	1
N/S	Isolation Damper	C19= BD only [3]	055942926	1

N/S= Not Shown on diagram.

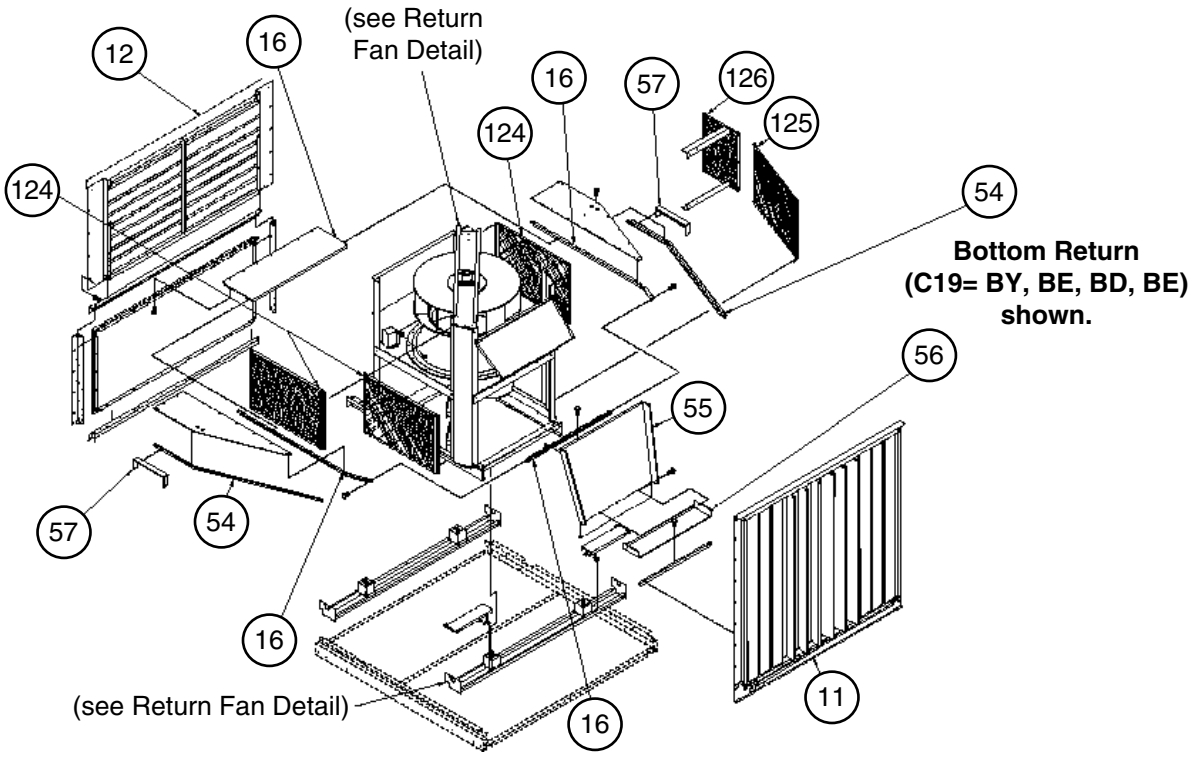
[1] Economizer with actuator (C20= DE, FE, GE, HE) requires MicroTech Controls. Without actuator (C20= DY, FY, GY, HY), requires controls by others (C12= YM, YC). Economizer detail two pages after next.

[2] Powered Exhaust Damper (until 1/05) detail follows the Economizer Damper detail.

[3] Details follow exhaust damper section.

Section A- Outdoor/Return Air Section

0- 100% Economizer Section with Barometric Exhaust Damper
Units with 44" Return Air Fans
C20= DE, DY, EE, EY, FE, FY, GE, or GY C21= 44B* or 44W*



Ref No.	Part Description		Part Number	Qty.
11	Economizer Damper [1]			
	w/Actuator	C20= DE, EE, FE, GE	055941103	1
	w/o Actuator	C20= DY, EY, FY, GY	055941102	1
12	Exhaust Damper Assy [2]	until 1/05		
	Powered	C20= EE, EY, GE, GY	055552902	1
	Barometric	C20= DE, DY, FE, FY	055552901	1
	Exhaust Damper Assy	1/05 & later		
	Powered	C20= EE, EY, GE, GY	112040401	1
	Barometric	C20= DE, DY, FE, FY	112039601	1
N/S	Isolation Damper	C19= BE only [3]	055942906	1
	Isolation Damper	C19= BD only [3]	055942926	1
16	Gasket	.125 x 2.00	055582601	20
54	Gasket		055921404	2
55	Gasket		055921415	2
56	Gasket		055921406	2
57	Gasket		055921407	2
124	Fan Guard		055957610	3
125	Fan Guard		055957611	1
126	Fan Guard		055957612	1

N/S= Not Shown on diagram.

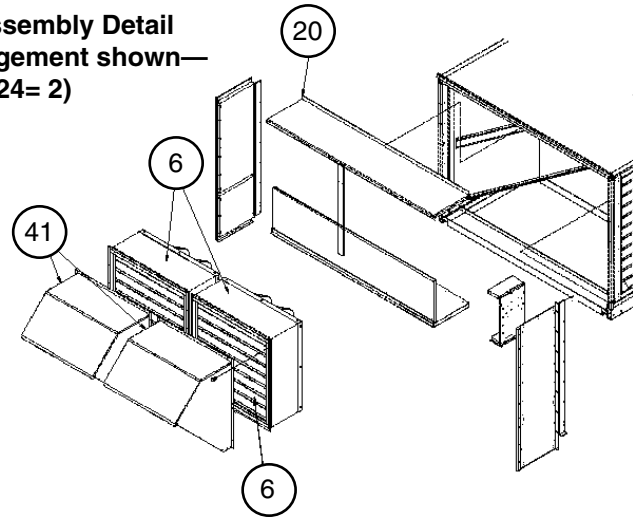
[1] Economizer with actuator (C20= DE, FE, GE, HE) requires MicroTech Controls. Without actuator (C20= DY, FY, GY, HY), requires controls by others (C12= YM, YC). Economizer detail on page after next.

[2] Powered Exhaust Damper (until 1/05) detail follows the Economizer Damper detail.

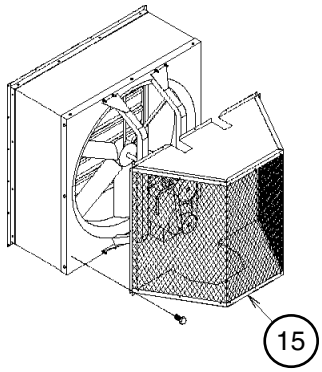
[3] Details follow exhaust damper section.

Section A- Outdoor/Return Air Section
0- 100% Economizer Section with Prop Exhaust Fan & Damper
C20= HE, HY, JE or JY, C24= 2 or 3

Section Assembly Detail
—2 fan arrangement shown—
(C24= 2)



Fan Guard

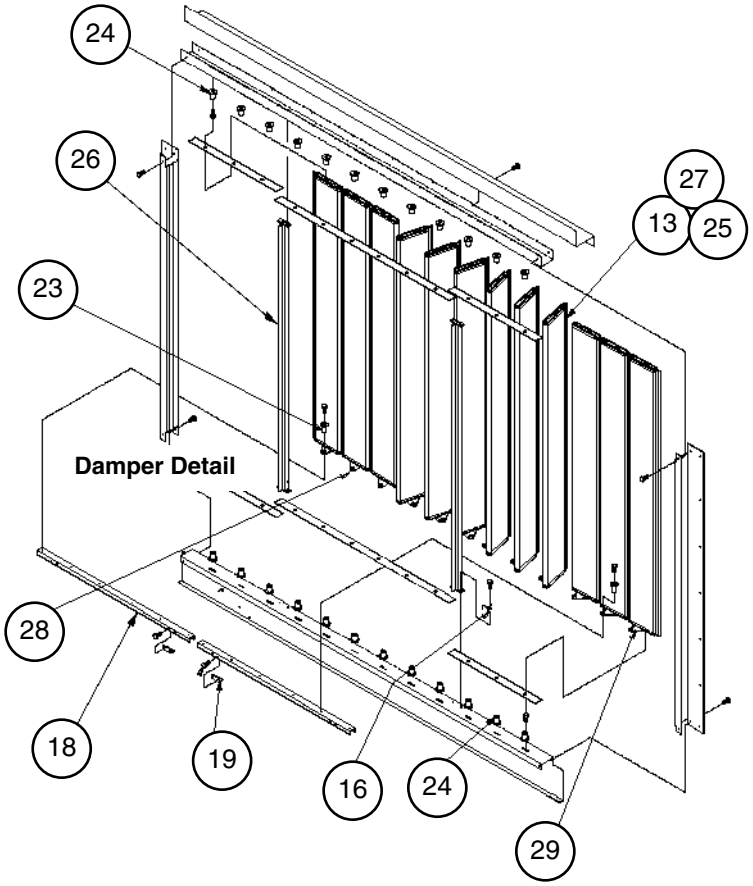


Ref. No.	Part Description		Part Number	Qty.
N/S	Isolation Damper w/ actuator	C19= BE only [1]	055942906	1
	Isolation Damper no actuator	C19= BD only [1, 2]	055942926	1
N/S	Economizer Damper [2]			
	w/Act.(C20= HE, JE)		055941103	1
	w/o Act. (C20= HY, JY)		055941102	1
6	Fan Assembly [3]	208/230/460V	111056601	[4]
	Fan Assembly [3]	575V	111056602	[4]
15	Fan Guard		111181901	1 [5]
20	Panel- Weather Hood		111173101	1 [5]
41	Hood- Prop Exhaust		111182301	1 [5]
	Grille Only- Prop Exhaust Hood		111182101	1 [5]

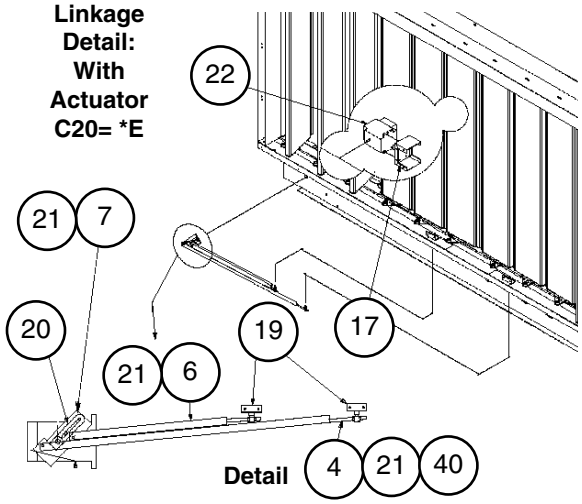
N/S= Not Shown on diagram.
[1] See detail following Exhaust Damper Detail.
[2] Economizer with actuator (C20= DE, FE, GE, HE) requires MicroTech Controls. Without actuator (C20= DY, FY, GY, HY), requires controls by others (C12= YM, YC). Economizer detail two pages after next.
[3] See detail following Isolation Damper Detail.
[4] Quantity may be two (Code 24= 2) or three (C24= 3).
[5] Quantity is PER fan.

Section A- Outdoor/Return Air Section

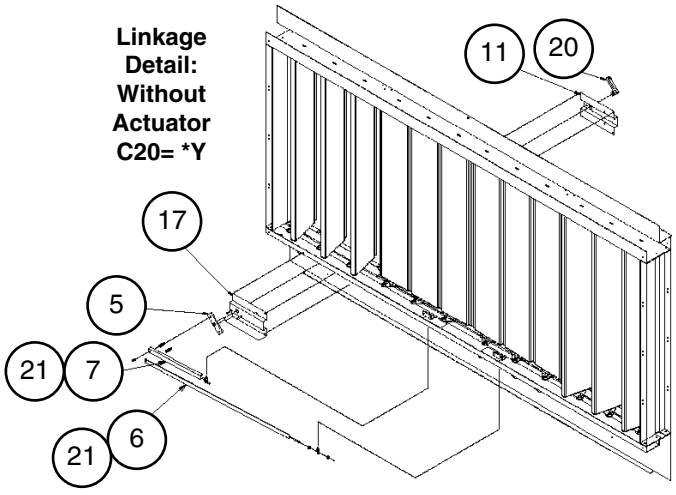
0 - 100% Economizer Damper Detail w/ ACT3
C20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY
Diagrams



Linkage Detail: With Actuator C20= *E



Linkage Detail: Without Actuator C20= *Y



*** D, E, F, G, H, J**

Section A- Outdoor/Return Air Section
0 - 100% Economizer Damper w/ ACT3
C20= DE, DY, EE, EY, FE, FY, GE, GY, HE, HY, JE, JY
Components

Ref. No.	Part Description		Actuator C20= *E	Actuator C20= *Y	Qty.
	Damper Assy- Complete [1]		055941103	055941102	1
	Damper Assembly [2]		098313301	098313301	1
4	Shaft Assembly		058390001	not used	1
5	Shaft Assembly		not used	056081001	1
6	Plate- Crank Arm		055542001		1
	Shaft Assembly			055536603	1
7	Shaft- Linkage		058389901	058389901	1
11	Channel- Support	until 4/01	not used	056080601	1
	Channel- Support	4/01 & later	not used	111087501	1
13	Blade- Damper		044195103	044195103	12
16	Stop/Anti-Rotate- Damper		065779801	065779801	4
17	Support- Damper Motor		055546601		1
	Channel- Support	until 4/01		056264501	1
	Channel- Support	4/01 & later		111087502	1
18	Bar- Linkage		044194800	044194800	2
19	Drive Tab- Linkage Bar		044194900	044194900	2
20	Crank Arm- Damper		032279200		1
	Crank Arm- Adjustable			025072600	1
21	Ball Joint- Damper		000887000	000887000	4
22	Actuator- ACT3	until 10/98	047936105	not used	1
	Actuator- ACT3	10/98 & later	059999804	not used	1
23	Bushing- Linkage Bar		046098300	046098300	12
24	Bushing- Damper Blade		043730400	043730400	24
25	Gasket- Vinyl		044193116	044193116	12
26	Gasket- Vinyl		045655716	045655716	2
27	End Plug- Damper		041003501	041003501	12
28	End Plug- Damper		041003502	041003502	6
29	End Plug- Damper		041003503	041003503	6
40	Bearing- Sleeve	until 4/01	not used	047138504	2
N/S	Gasket- Neoprene [3]		056003501	056003501	4

N/S= Not Shown on Diagram.

[1] Complete assy includes the damper assy and linkage (no actuator) or actuator assy.

[2] Damper only, no linkage or actuator components.

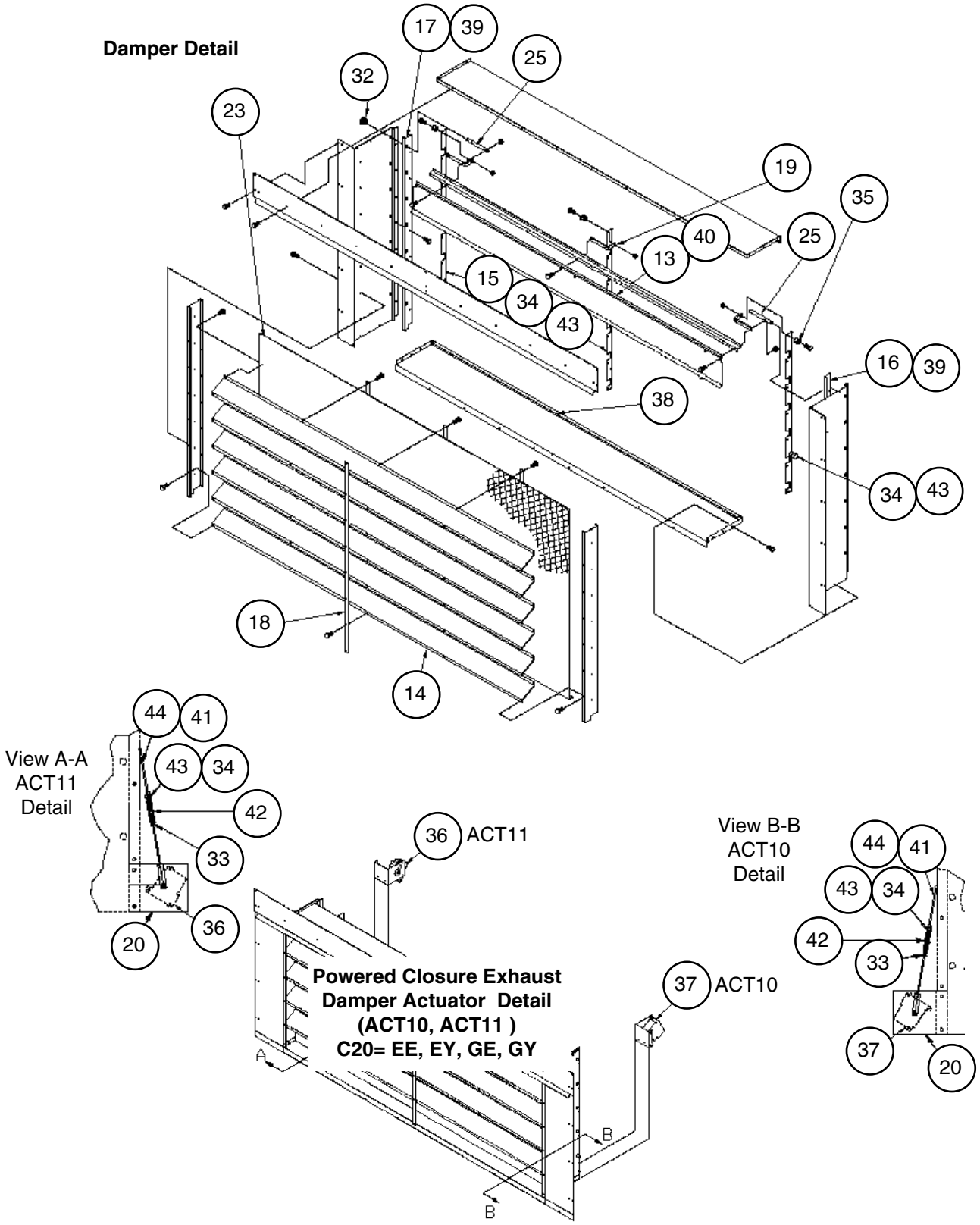
[3] Applied from outer edge of assembly to inside edge of center support and flush with edge of the bottom channel.

Section A- Outdoor/Return Air Section

0 - 100% Economizer Exhaust Damper Detail (until 1/05)

C20= DE, DY, EE, EY, FE, FY, GE, GY w/ACT10, ACT11

Diagrams



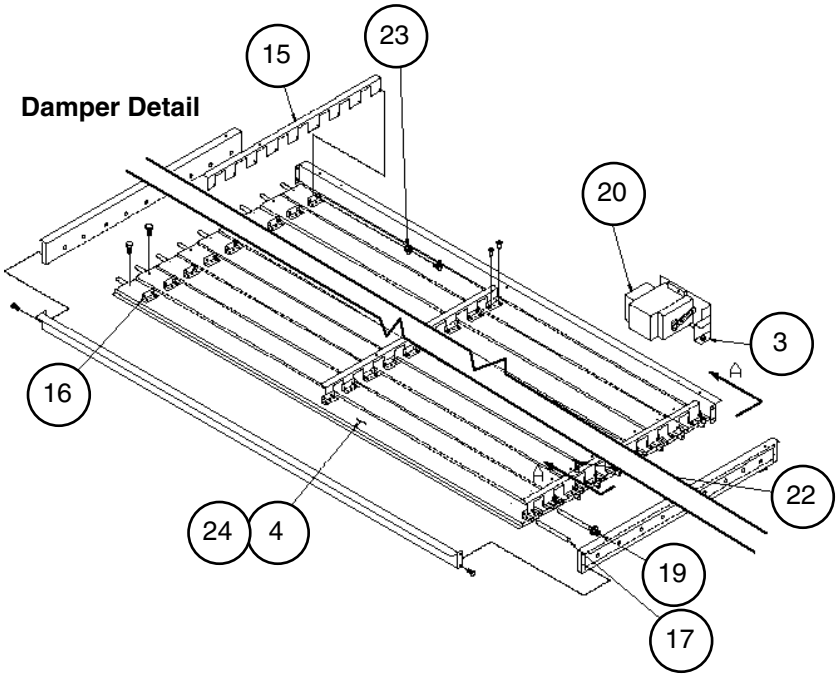
Section A- Outdoor/Return Air Section
0 - 100% Economizer Exhaust Damper Detail (until 1/05)
C20= DE, DY, EE, EY, FE, FY, GE, GY
Components

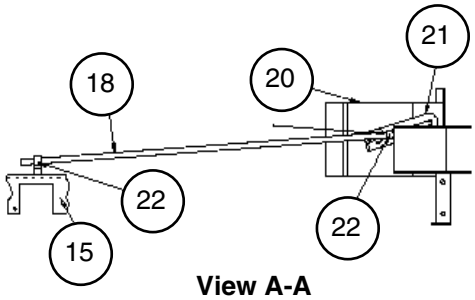
Ref. No.	Part Description	Damper Type: Powered C20= D*, F*	Damper Type: Barometric C20= E*, G*	Qty.
	Exhaust Damper Assy	055929902	055929901	1
13	Blade- Exhaust	055925201	055925201	7
14	Louver- Exhaust	055925602	055925602	6
15	Plate- Linkage	055925801	055925801	3
16	Angle- Blade Support	055925301	055925301	1
17	Angle- Blade Support	055925302	055925302	1
18	Strap- Louver	055925703	055925703	1
19	Support- Damper Blade	055549001	055549001	21
20	Panel- Motor Mount until 2/02	055928402	not used	2
	Panel- Motor Mount 2/02 & later	111263001	not used	2
23	Grille- Exhaust Damper	055925502	055925502	1
25	Shaft- Damper Blade	055924402	055924402	14
32	Bearing- Flange, Nylon	001113500	001113500	14
33	Fastener- Stud	018619100	not used	2
34	Ball Joint- Damper	000887000	000887000	2
35	Bearing- Sleeve	047138507	047138507	21
36	Actuator- Motorized, Opposite Drive Side ACT11			
	Until 2/02	049126401	not used	2
	2/02 & later	111059101	not used	2
37	Actuator- Motorized, Drive Side ACT10			
	Until 2/02	049126401	not used	2
	2/02 & later	111059101	not used	2
38	Gasket- Vinyl	044193124	044193124	1
39	Gasket- Sponge Rubber	021768949	021768949	2
40	Gasket- Vinyl	055940201	055940201	5
41	Cap- Closure	049025401	not used	2
42	Spring- Compression	065497401	not used	2
43	Bearing- Sleeve	047138510	not used	2
44	Rod- Linkage	056225101	not used	2

* E (powered) or Y (manual).

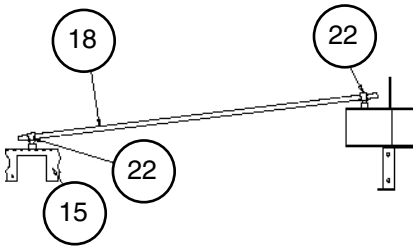
Section A- Outdoor/Return Air Section

Return Air Plenum Isolation Damper w/ Actuator ACT6
C19= BE or BD





View A-A
ACT6 Motorized Actuator
Detail (C19= BE)

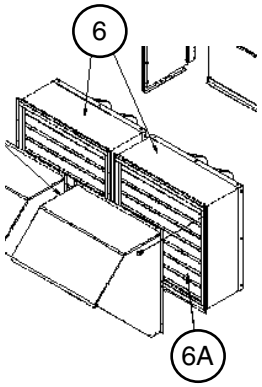


Manual Actuator
Detail (C19= BD)

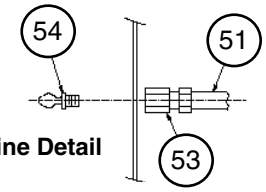
Ref. No.	Part Description	Actuator		Qty.
		C19= BE	C19= BD*	
	Isolation Damper Assy- Motorized	055921126		1
	Isolation Damper Assy- Manual		055921116	1
3	Motor Mount Assembly	055921201	055921201	1
4	Blade Assembly- Return, 4”	055921302	055921302	15
15	Angle- Linkage	055917902	055917902	3
16	Angle- Blade	055638101	055638101	45
17	Shaft- Damper Blade	055637801	055637801	30
18	Shaft- Linkage	055536601	055536601	1
19	Bearing- Flange, Nylon	001113500	001113500	30
20	Actuator- Motorized- SPDT ACT6	059999804	not used	1
21	Crank Arm- Damper	032279200	not used	1
22	Ball Joint	000887000	000887000	2
23	Bearing- Sleeve	047138507	047138507	45
24	Gasket- Vinyl	030051985	030051985	16

* Isolation damper without an actuator is used only on units without MicroTech controls (C12= YM, YC or YY).

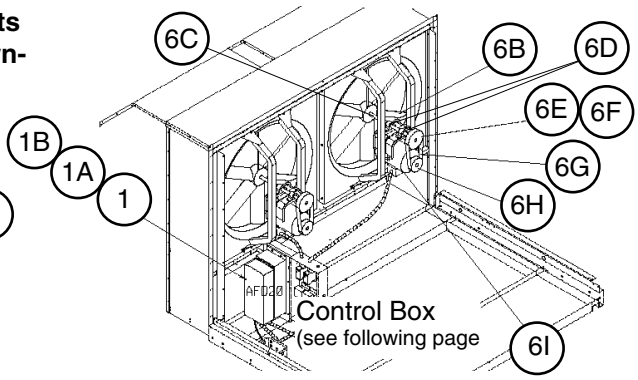
Section A- Outdoor/Return Air Section
Prop Exhaust Fan & Damper Detail
C20= HE, HY, JE or JY, C24= 2 or 3



Fan Assembly Components
- 2 Fan Arrangement Shown-
Code 24= 2



Lube Line Detail



Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage 208V	230V	460V	575V
1	AFD20	Inverter see charts below					
1A		Resistor- Inverter	044690105	1	1	1	1
1B		Jumper- Inverter [1]	055719731	3	3	3	3
6		Fan Assembly- Complete	111056601				
		Fan Assembly- Complete	111056602				
6A		Damper- Backdraft	[3]				
6B		Fan Prop- 36”	300044027	1[4]	1[4]	1[4]	1[4]
6C		Fan Shaft	300044028	1[4]	1[4]	1[4]	1[4]
6D		Bearing	300044029	2[4]	2[4]	2[4]	2[4]
6E		Fan Sheave	019291400	1[4]	1[4]	1[4]	1[4]
6F		Bushing- Fan Sheave	000804000	1[4]	1[4]	1[4]	1[4]
6G		Belt	049260805	2[4]	2[4]	2[4]	2[4]
6H		Motor Sheave	000607600	1[4]	1[4]	1[4]	1[4]
6I		Motor	300046887	1[4]	1[4]	1[4]	
		Motor	300046251				1[4]
51		Tube- Plastic [2]	020954800	8’	8’	8’	8’
53		Coupling- Tube [2] .25 x .125 FPT	021213800	2	2	2	2
54		Fitting- Grease [2]	000109800	2	2	2	2

[1] Quantity= 2 when Inverter model 3500 (Code 15= G) is used.
[2] Quantity shown are for 2 fans. Quantities for 3 fan units: Ref. 51= 32’; Ref. 53= 6; Ref. 54= 6.
[3] Contact Daikin McQuay Parts.
[4] Quantity is PER fan.

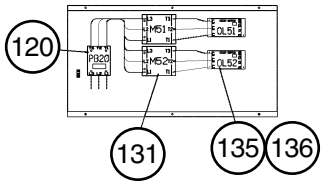
Inverter- 2 Fan Units (Code 24= 2)

Code 15=	Inverter Model	Part Number	Voltage 208V	230V	460V	575V
A	401 until 10/04	060011617	1	1		
	401 until 10/04	060011604			1	
	550 10/04 & later	112046017	1	1		
	550 10/04 & later	112046004			1	
G	3500	098656918	1			
	3500	098656928		1		
	3500	098656905			1	
R	VTAC9	111046870	1	1		
	VTAC9	111046856			1	

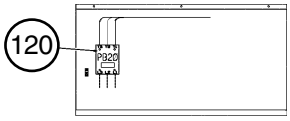
Inverter- 3 Fan Units (Code 24= 3)

Code 15=	Inverter Model	Part Number	Voltage 208V	230V	460V	575V
A	401 until 10/04	060011618	1	1		
	401 until 10/04	060011605			1	
	550 10/04 & later	112046018	1	1		
	550 10/04 & later	112046005			1	
G	3500	098656919	1			
	3500	098656929		1		
	3500	098656906			1	
	3500	098656946				1
R	VTAC9	111046871	1	1		
	VTAC9	111046857			1	

Section A- Outdoor/Return Air Section
Prop Exhaust Fan Inverter and Control Box



2 Fan Units Shown

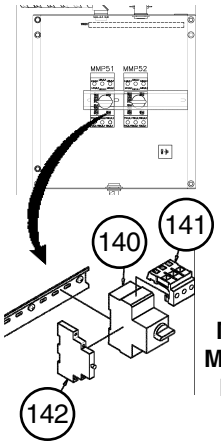


1 Fan Units (field inverter)

Until 3/05

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
120	PB20	Power Block	030372705	1	1	1	1
131	M51,52,53	Contactor	027514101	1	1	1	1
135	OL51,52,53	Overload	059990101	1	1	1	1
136		Heater- Overload	059990611	3	3		
		Heater- Overload	059990609			3	3

NOTE: All quantities listed are PER fan.



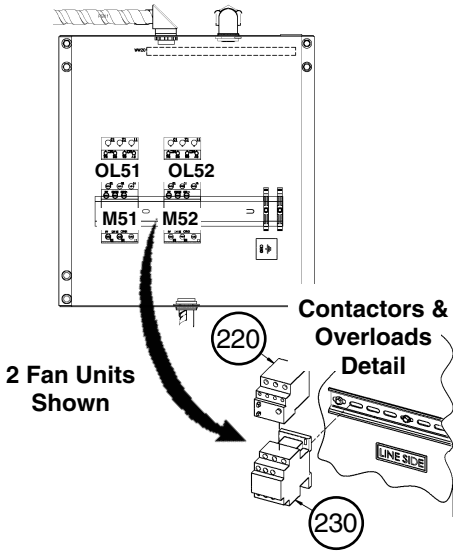
2 Fan Units Shown

MMP51, MMP52 or MMP53 Detail

3/05 & to 10/06**

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
140	MMP 51,52,53	MMP- Prop Exh. Motors	349934012	1	1		
		MMP- Prop Exh. Motors	349934010			1	
		MMP- Prop Exh. Motors	349934009				1
141		Line Shield	349933001	1	1	1	1
142		Short Circuit Alarm	349933903	1	1	1	1

NOTE: All quantities listed are PER fan.



Contactors & Overloads Detail

2 Fan Units Shown

1/07 to present**

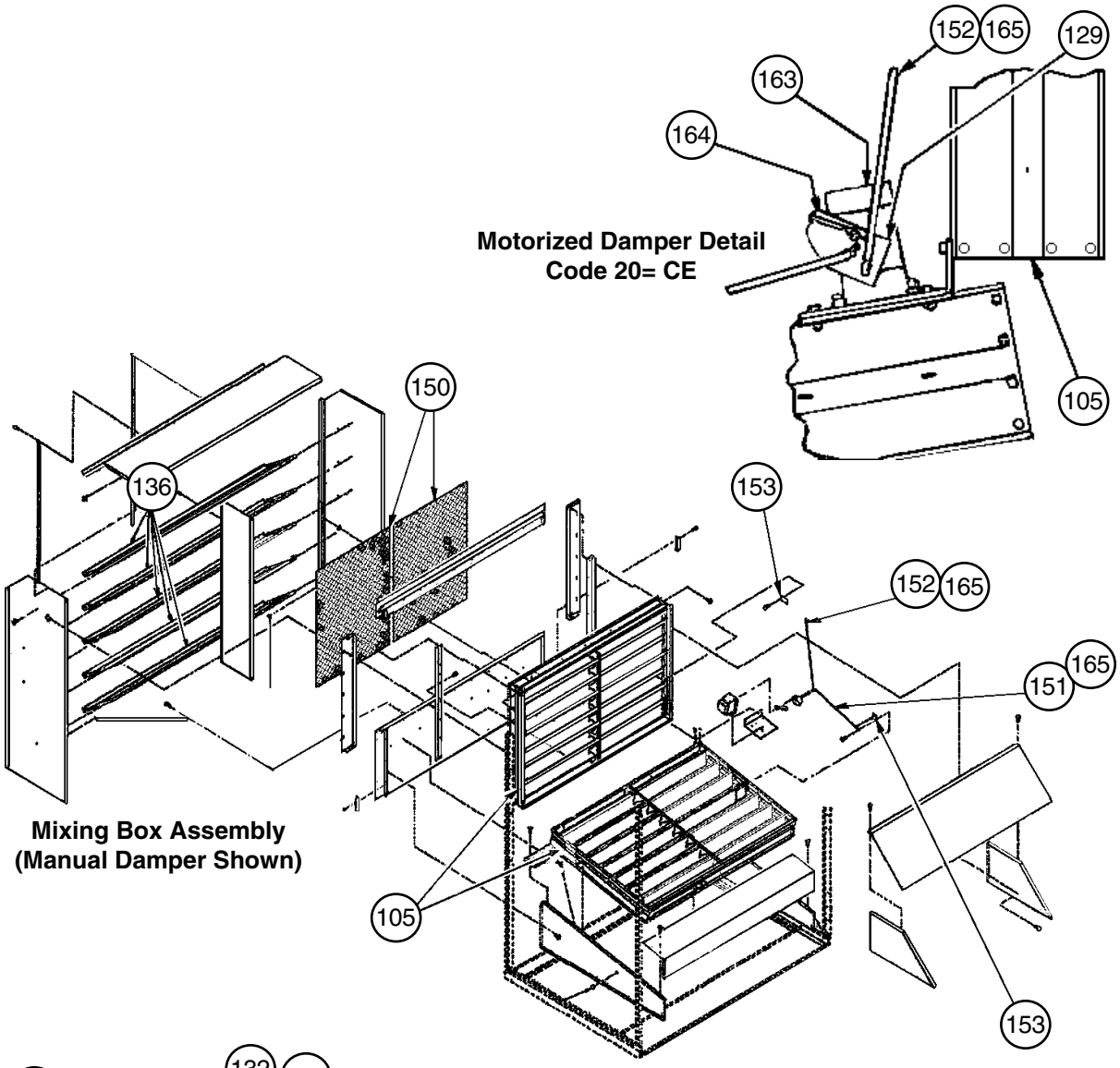
Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
220	OL51,52,53	Overload	349934663	1			
		Overload	349934662		1		
		Overload	349934660			1	
		Overload	349934659				1
230	M51,52,53	Contactor	349932123	1	1		
		Contactor	349932121			1	1

NOTE: All quantities listed are PER fan.

** Units built between 10/06 and 12/06 may have either group of components installed. If unsure, contact Daikin McQuay Parts to verify.

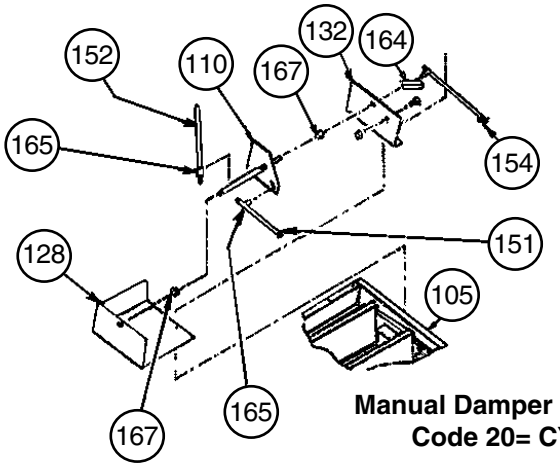
Section A- Outdoor/Return Air Section

0- 100% Outdoor Air/Return Air Mixing Box
C20= CE or CY, C19= BB, BY
Diagram



Motorized Damper Detail
Code 20= CE

Mixing Box Assembly
(Manual Damper Shown)



Manual Damper Detail
Code 20= CY

Section A- Outdoor/Return Air Section
0- 100% Outdoor Air/Return Air Mixing Box
C20= CE or CY, C19= BB, BY
Components

Ref. No.	Part Description	Actuator		Qty.
		Motorized C20= CE	Manual C20= CY	
105	Damper Assembly [1]	056081721	056081721	2
110	Weld Assembly- Shaft	not used	056081002	1
128	Support & Bushing Assembly		056220301	1
	Support Only		056083701	1
	Bearing Only		047138504	1
	Mount- Actuator	056071101		1
129	Plate, Crank Arm	056071201	not used	1
132	Support & Bushing Assembly	not used	056220302	1
	Support Only		056083801	1
	Bearing Only		047138504	1
136	Louver	056132002	056132002	5
150	Grille, Damper	056074502	056074502	2
151	Shaft, Linkage	055536610	055536610	1
152	Shaft, Linkage	055536602	055536602	1
153	Angle, Linkage	056071301	056071301	2
154	Shaft, Linkage	not used	055536612	1
163	Actuator Motor ACT3	059999804	not used	1
164	Crank Arm- Damper, Adjustable		025072600	1
	Crank Arm- Damper, Spline	032279200		1
165	Ball Joint- Damper		000887000	4
	Ball Joint- Damper		000887000	6
167	Collar- Lock	not used	049115902	2

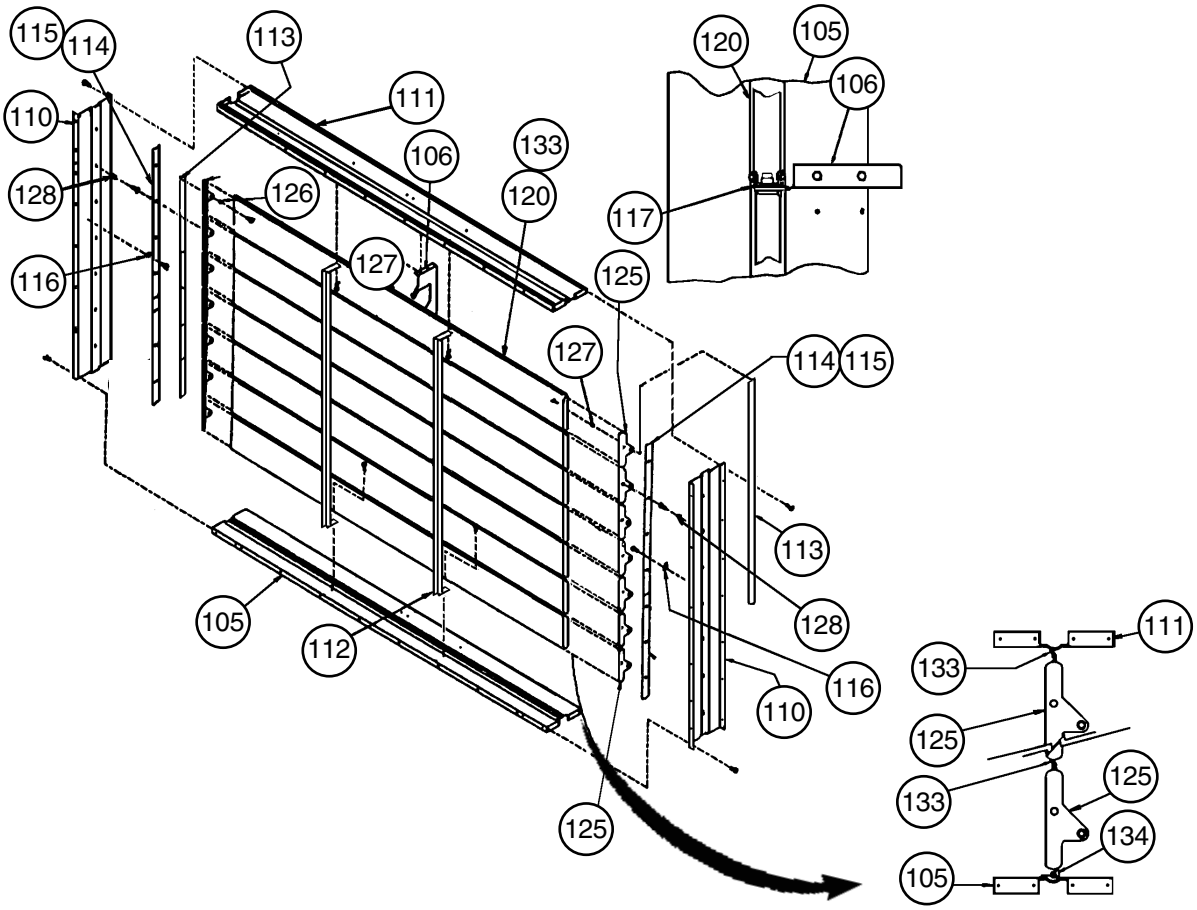
[1] Detail on following page.

Section A- Outdoor/Return Air Section

0- 100% Outdoor Air/Return Air Mixing Box

Low Leak Damper

C20= CE or CY, C19= BB, BY

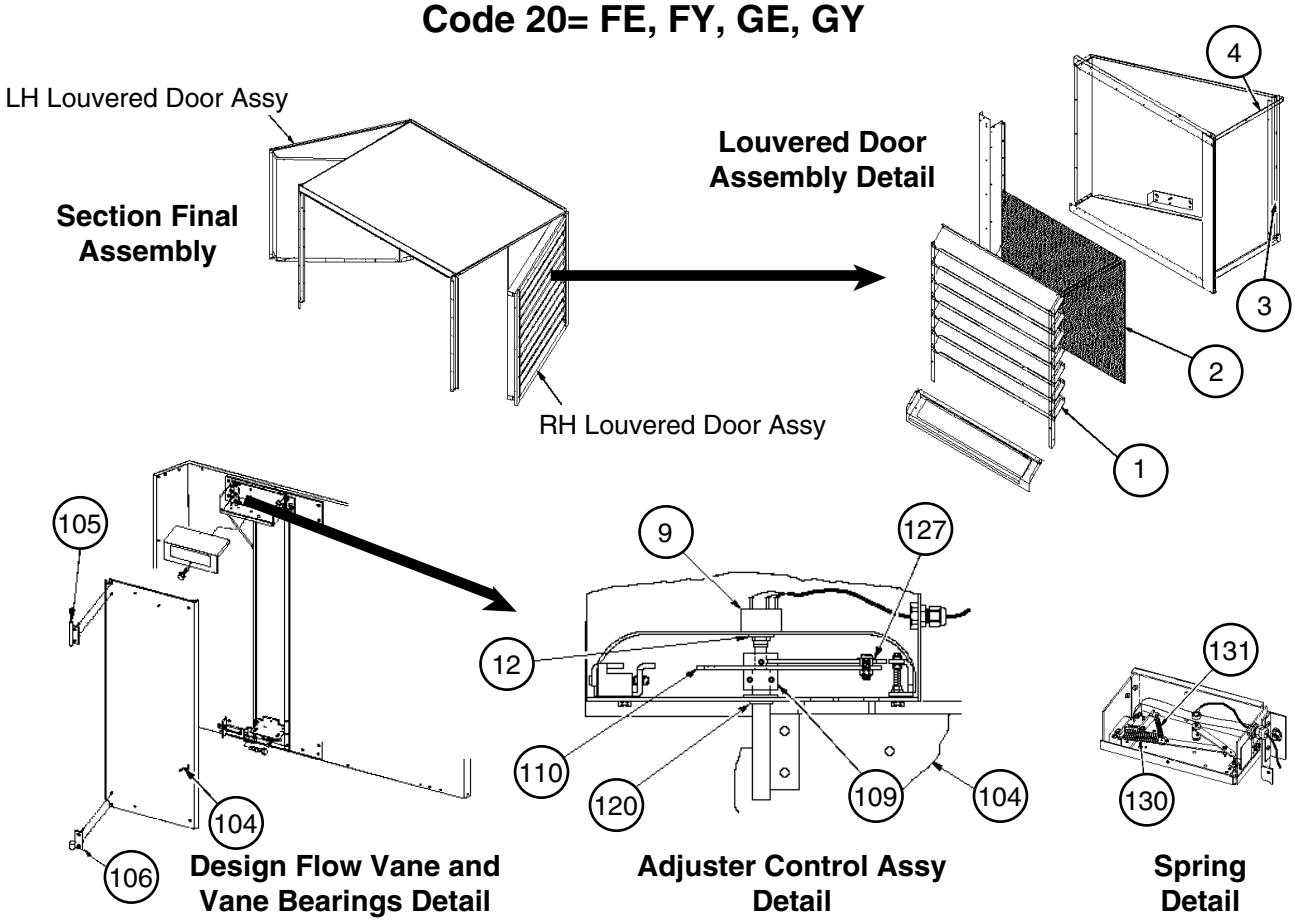


Ref. No.	Part Description	Part Number	Qty.
105	Channel Assembly	056081601	1
106	Support Assembly- Blade	056081502	1
110	Channel- Damper Side	056071501	2
111	Channel- Horizontal	056067401	1
112	Support- Center	056071901	2
113	Channel- Linkage	056072001	2
114	Seal- End	056071701	2
115	Seal- End	056071801	2
116	Stop- Damper	047110101	2
117	Support Assembly- Bushing	058386901	7
120	Blade- Damper	047793303	7
125	End Plug- Damper	041003508	7
126	End Plug- Damper	041003509	7
127	Bushing- Linkage Bar	046098300	14
128	Bushing- Damper Blade	043730400	14
133	Gasket- Vinyl	044193127	7
134	Gasket- Vinyl	055940210	1

Section A- Outdoor/Return Air Section

Design Flow

Code 20= FE, FY, GE, GY



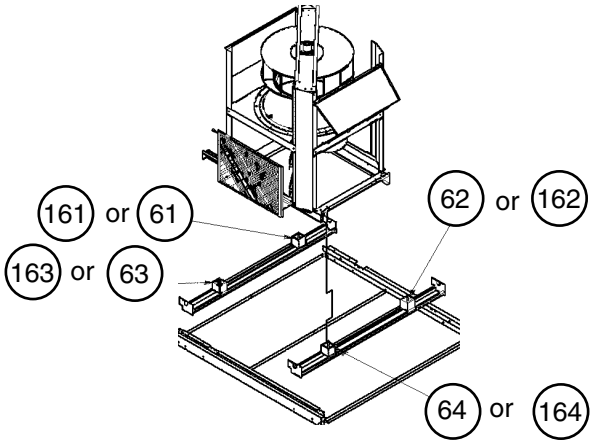
Ref No.	Part Description		Part Number	Qty.[1]
1	Louver Panel	Left Hand Door	059595204	15
	Louver Panel	Right Hand Door	059595203	15
2	Grille		055541401	2
3	Gasket		055921403	1
4	Gasket		055921401	1
9	Potentiometer		098663701	1
12	O'Ring- Potentiometer		098663801	1
104	Panel- Vane		098661803	1
105	Shaft- Upper		098662601	1
106	Bearing- Lower		091634501	1
109	Crank Arm Assy	Left Hand Door	091658802	1
	Crank Arm Assy	Right Hand Door	091658801	1
110	Link Arm		[2]	1
120	Bearing		060014201	1
127	Bearing		047138535	1
130	Spring- Main		098664701	1
131	Spring- Secondary		098664901	1
N/S	Leveling Kit- Design Flow		091659301	1

[1] Quantity is PER door.

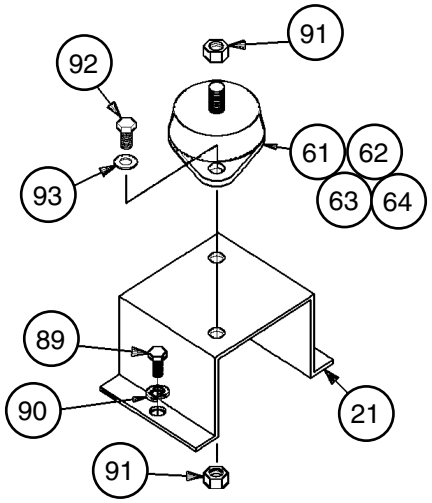
[2] P/N is unit specific. Contact Daikin McQuay Parts with overall length and bolt hole spacing so that the correct part can be identified.

Section A- Outdoor/Return Air Section

Return Air Fan Detail- Fan Mounts
Until 11/04



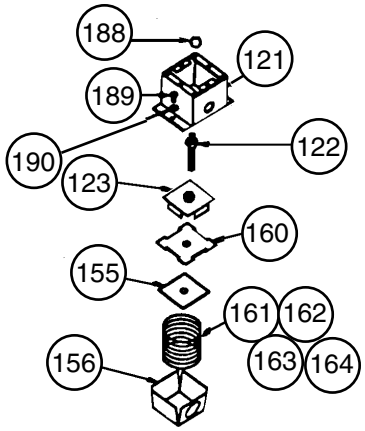
Mounting Diagram



Rubber Mounts

Rubber Mounts (Code 15= 44B1 or 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	055512101	4
61	5 - 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
62	5 - 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
63	All	Rubber Mount- Red	021639701	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1”	048878118	8
90	All	Washer- Lock, 3/8”	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1”	040499501	8
93	All	Washer- Plain, 1/2”	040500310	8



Spring Mounts

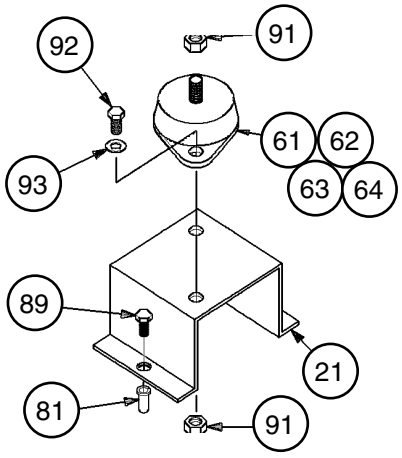
Spring Mounts (Code 15= 44B2, 44B3, 44W2 or 44W3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5 - 30	Mount- Spring, Red	048448503	1
	40 - 60	Mount- Spring, Green	048448504	1
162	5 - 30	Mount- Spring, Red	048448503	1
	40 - 60	Mount- Spring, Green	048448504	1
163	All	Mount- Spring, Red	048448503	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1”	048878118	12
190	All	Washer- Lock, 3/8”	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section A- Outdoor/Return Air Section

Return Air Fan Detail- Fan Mounts

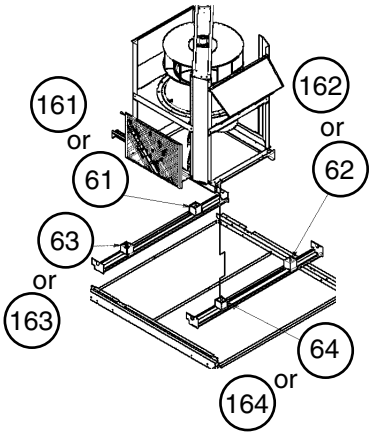
11/04 & Later



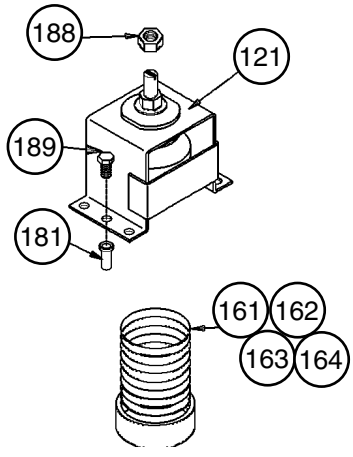
Rubber Mounts

Rubber Mounts (Code 15= 44B1 or 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	055512101	4
61	5 - 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
62	5 - 40	Rubber Mount- Red	021639701	1
	50, 60	Rubber Mount- Black	021639704	1
63	All	Rubber Mount- Red	021639701	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1”	040499501	8
93	All	Washer- Plain, 1/2”	040500310	8



Mounting Diagram



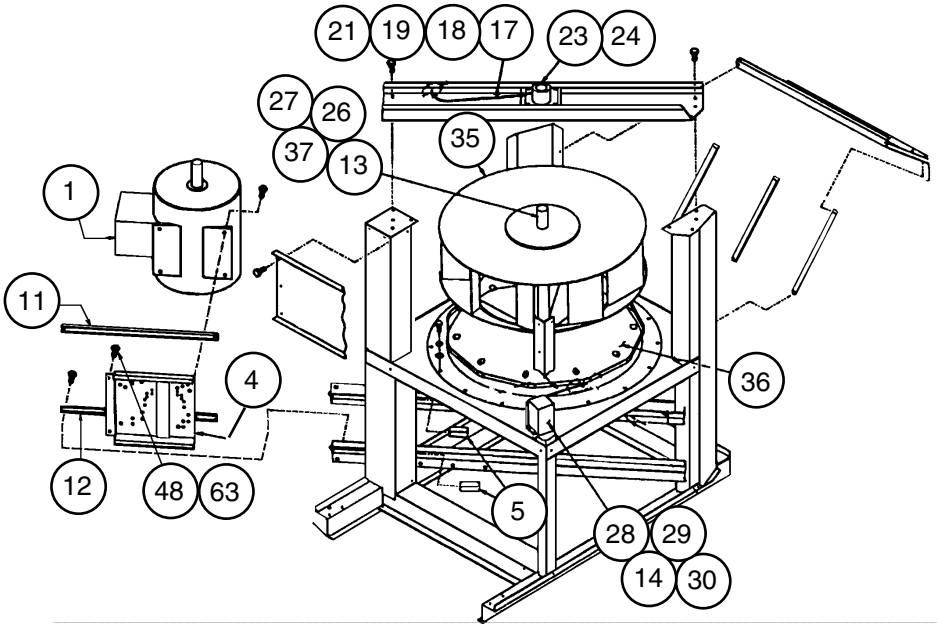
Spring Mounts

Spring Mounts (Code 15= 44*2) & Seismic Spring (44*3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C15= 40*2)	251783201	4
		Seismic (C15= 40*3)	251783301	4
161	5 - 10	Spring Mount- Brown	251784801	1
	15 - 30	Spring Mount- Red	251784901	1
	40 - 60	Spring Mount- Red/Black	251785001	1
162	5 - 10	Spring Mount- Brown	251784801	1
	15 - 60	Spring Mount- Red	251784901	1
163	5 - 10	Spring Mount- Brown	251784801	1
	15 - 30	Spring Mount- Red	251784901	1
	40 - 60	Spring Mount- Red/Black	251785001	1
164	5 - 10	Spring Mount- Brown	251784801	1
	15 - 60	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C15= 40*2)	059992201	12
		Seismic (C15= 40*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C15= 40*2)	112047201	12
		Seismic (C15= 40*3)	112047201	20

Section A- Outdoor/Return Air Section

Return Air Fan Detail (Code 21= 44B* or 44W*)



Ref. No.	Motor HP	Part Description		No VIV C21= 44B*	With VIV C21= 44W*	Qty.
1		Motor	see following page			
4	All	Mount- Motor		056234101	056234101	1
5	All	Channel Assembly		056234201	056234201	1
11	All	Clamp- Motor Channel	until 11/02	056230201	056230201	1
	All	Clamp- Motor Channel	11/02 & later	056230203	056230203	1
12	All	Clamp- Motor Channel	until 11/02	056230202	056230202	1
	All	Clamp- Motor Channel	11/02 & later	056230203	056230203	1
13	All	Shaft- Fan	2.438" dia.	056255103	056255103	1
14	All	Linkage- Shaft		not used	055536608	2
17	All	Tubing- Plastic		021136745	021136745	2
18	All	Coupling	until 12/04	021213700	021213700	2
	All	Coupling	12/04 & later	027674000	027674000	2
19	All	Coupling		021213800	021213800	2
21	All	Fitting- Grease	1/8" MPS	000109800	000109800	2
23	All	Bearing- 2.437"	Opposite Drive End	020649905	020649905	1
24	All	Bearing- 2.437"	Drive End	049547014	049547014	1
26	All	Key- Wheel	5/8" X 6½"	023221610	023221610	1
27	All	Key- Fan Sheave	5/8" x 5½"	023221607	023221607	1
28	5- 20	Actuator	ACT2	not used	059999801	1
	25- 60	Actuator	ACT2	not used	059999802	1
29	All	Crank Arm- Damper		not used	032279200	1
30	All	Ball Joint		not used	000887000	2
35	All	Wheel- SISW	until 6/00	093413720	093413720	1
	All	Wheel- SISW	6/00 & later	111041201	111041201	1
36	All	Control- Fan Vane	until 6/00	not used	048447007	1
	All	Control- Fan Vane	6/00 & later	not used	110941910	1
36	All	Funnel- Inlet	until 6/00	092045214	not used	1
	All	Funnel- Inlet	6/00 & later	110941810	not used	1
37	All	Lock Collar	2.437"	049115912	049115912	1
48	All	Lock Washer		048164814	048164814	2
63	All	Cap Screw		040499501	040499501	2

* Mounting type 1= RIS, 2= Spring, 3= Spring w/ seismic snubbers.

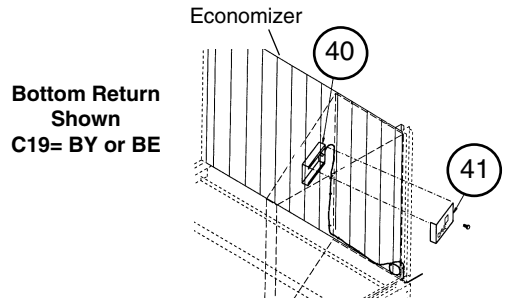
Section A- Outdoor/Return Air Section

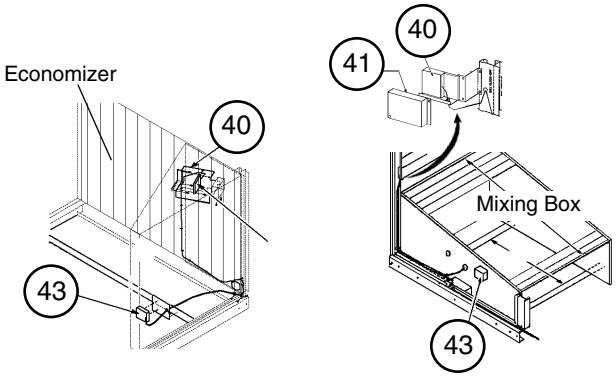
Return Air Fan Motors

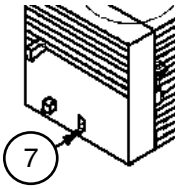
All motors listed below are Across-The-Line start (C10= AL or PW). There are some units that have Part-Winding start motors (C10= PP or PS). These units have motors 15HP and greater and are 208V or 230V only. Contact Daikin McQuay Parts if a PW replacement motor is needed.

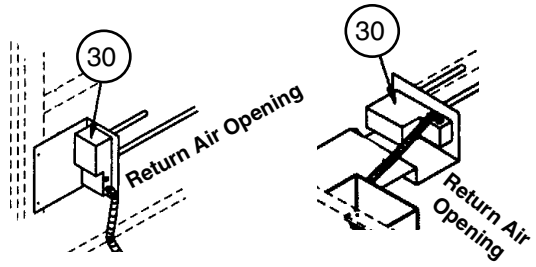
H.P.	Unit Voltage C09= 12	ODP C22= *AY	ODP HiEff C22= *EY	ODP PrEff. C22= *JY	TEFC C22= *GY	TEFC HiEff C22= *HY	TEFC PrEff C22= *KY
5	208/60/3	020521000	039447600	065817200	025435800	049186800	065819500
7.5	208/60/3	020524800	037530300	065817300	024581000	047665900	065819600
10	208/60/3	021486000	038999000	065817400	025436900	047666100	065819700
15	208/60/3	049100600	039896200	049100700	049186900	065817500	065819800
20	208/60/3	049101200	039895800	049101300	049187000	065817600	065819900
25	208/60/3	034243300	039448900	049100900	049187100	065817700	065820000
30	208/60/3	049101500	041775200	205066500	049101600	049187200	205066800
40	208/60/3	030389500	041775300	205067100	049101900	049187300	205070700
50	208/60/3	049102200	041775400	205067500	049102300	049187400	205091600
60	208/60/3	049102600	041775800	205067700	048443300	049187500	-
	C09= 29						
5	230/60/3	019664800	039442500	065818200	020520600	040161200	065820200
7.5	230/60/3	019855100	039448700	065818300	020522100	049100500	065820300
10	230/60/3	017859600	039446500	065818400	024211500	044691100	065820400
15	230/60/3	023256100	039446600	026215800	038689700	065818500	065820500
20	230/60/3	022772100	039448800	031314500	040161300	065818600	065820600
25	230/60/3	029863500	039896100	032242500	040161400	065818700	065820700
30	230/60/3	040626800	040626800	205066600	032243100	049025300	205067000
40	230/60/3	041770000	041770000	205067200	048448000	048448000	205067200
50	230/60/3	039899200	039899200	205067600	040161600	040161600	205069400
60	230/60/3	041775500	041775500	065819100	046748300	046748300	205069600
	C09= 27						
5	460/60/3	019664800	039442500	065818200	020520600	040161200	065820200
7.5	460/60/3	019855100	039448700	065818300	020522100	049100500	065820300
10	460/60/3	017859600	039446500	065818400	024211500	044691100	065820400
15	460/60/3	023256100	039446600	026215800	038689700	065818500	065820500
20	460/60/3	022772100	039448800	031314500	040161300	065818600	065820600
25	460/60/3	029863500	039896100	032242500	040161400	065818700	065820700
30	460/60/3	040626800	040626800	205066600	032243100	049025300	205067000
40	460/60/3	041770000	041770000	205067200	0484480000	048448000	205067200
50	460/60/3	039899200	039899200	205067600	040161600	040161600	205069400
60	460/60/3	041775500	041775500	065819100	046748300	046748300	205069600
	C09= 37						
5	575/60/3	046741800	046741900	205168900	048169900	049188400	046514600
7.5	575/60/3	046744400	047443300	205168800	040160100	049188500	046514700
10	575/60/3	031326700	047443400	205168600	049763700	049188600	065821400
15	575/60/3	046744500	047443500	046749000	049185200	205166600	065821500
20	575/60/3	046744600	049181100	049186200	049188700	205166800	065821600
25	575/60/3	047133700	049181200	049186300	049188800	205166900	065821700
30	575/60/3	047137600	049181300	205066700	049126100	049188900	205067000
40	575/60/3	047138000	049181400	205067300	049186400	049189000	205067300
50	575/60/3	047133800	049181500	205091800	049126200	049189100	205069500
60	575/60/3	046747600	049181600	205069000	049186500	049189200	205069800

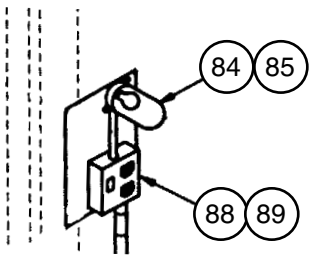
Section A- Outdoor/Return Air Section
Section Mounted Controls
OAE, RAE, RAT, SD2, LT11, S11, REC11











OAE- Mechanical Enthalpy (Code 17= Y*)

Ref No.	Part Description	Part Number	Qty.
40	Mount- OAE Enthalpy	055800101	1
41	Enthalpy Assembly		
	(knob & Control)	055740691	1
	Knob only	026215500	1
	Control OAE only	030706702	1

OAE & RAE Differential Enthalpy (Code 17= C*)

Ref No.	Part Description	Part Number	Qty.
40	Mount- OAE Enthalpy		
	Economizer Units	059328901	1
	Mixing Box Units	055800301	
41	Control- OAE	049262201	1
43	Control- RAE	049262202	1

RAT- Outdoor Air Temperature Sensor

Ref No.	Part Description	Part Number	Qty.
7	Return Air Temp. Sensor- RAT	193414601[1]	1

[1] P/N is for MicroTech III Controls. For Original MicroTech controls (C12= 1,2,3,4,5) use p/n 065829505. For MicroTech II controls (C12= _D or _S) use p/n 060004705.

SD2- Return Air Smoke Detector
C16= 1 or 3

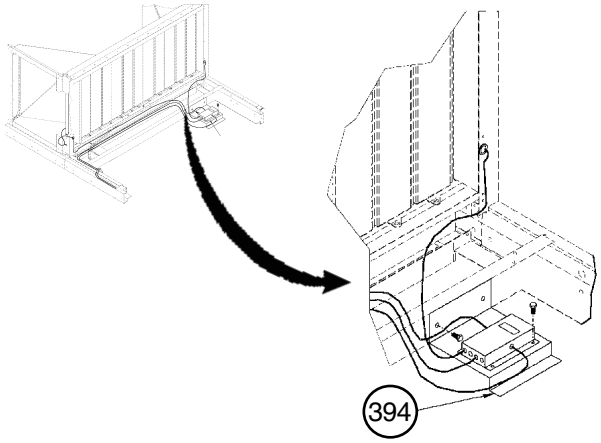
Ref No.	Part Description	Part Number	Qty.
30	Smoke Detector SD2		
	until 2/00	055744901 [1]	1
	2/00- 2/03	060016501	1
	2/03- Present	098873101	1

[1] Includes Duct House 24- 240V p/n 049025003 + Smoke Detector only p/n 049025004.

LT11- Return Fan Light/S11- Return Fan Light Switch/ REC11- Return Fan Light Receptacle
C49= E or F

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT11	065492402	1
88	Light Switch- S11	065492201	1
89	Receptacle- REC11	030187000	1

Section A- Outdoor/Return Air Section
Ebtron Sensor Detail
Code 20= KE, KY, LE, LY, ME, MY

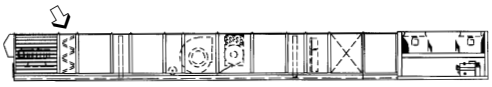


Ref. No.	Part Description	Part Number	Qty.
394	Ebtron Sensor	111055303 [1]	1

[1] This is the standard Ebtron 'Silver' sensor. Some unit specials will use an Ebtron "gold" sensor p/n 111055307.

Section B- Draw-Thru Filter/Blank Section

Notes



Primary Codes that pertain: 25
Additional Codes that pertain: 06, 19, 20

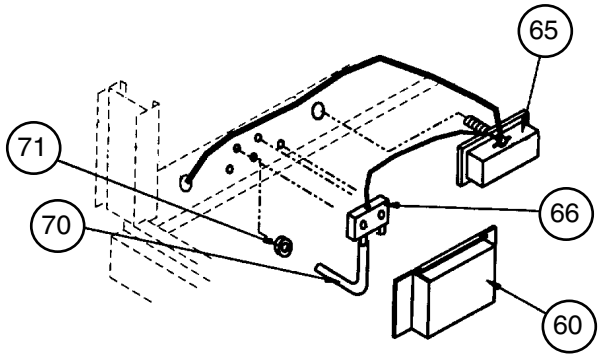
Code 25 determines all of the section characteristics. If the first digit of Code 25= A,D or E the filters are in an angular rack, if the first digit= F, G or H the filters are in a flat rack, if the first digit= S, T or V the filters are in a staggered rack, if the first digit is L the filters are in a large staggered rack, and If the first digit= B or C there is a blank section. If the second digit= Y there are no filters, if the second digit= A there are throwaway filters, if the second digit= B there are 30% eff. filters and if the second digit= C there are 30% eff. filters with antimicrobial Intersept. If the second digit= D there are 65% eff. filters, if the second digit= E there are 95% eff. filters and if the second digit= G there are 95% eff. filters with antimicrobial Intersept.

Code 06 determines the final assembly panel part numbers.

Codes 19 and 20 determine the Return Air section which has an effect on the final assembly panels.

Section B- Draw-Thru Filter/Blank Section

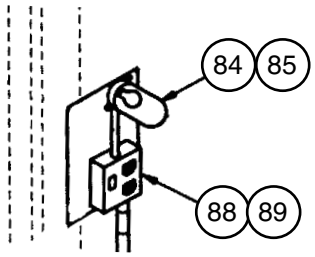
Section Mounted Controls
PC5- Clogged Filter Control and
SPS5- Clogged Filter Static Pressure Sensor



Controls PC5 and SPS5

Ref. No.	Part Description	Part Number	Qty.
60	Cover [1]	055732501	1
65	PC5 Pressure Ctl	065493801	1
66	SPS5 Transducer [1]	049545005	1
70	Plastic Tube [1]	049095104	1
71	Grommet [1]	004910100	1

[1] Not used on units with MicroTech II or III (no longer used).

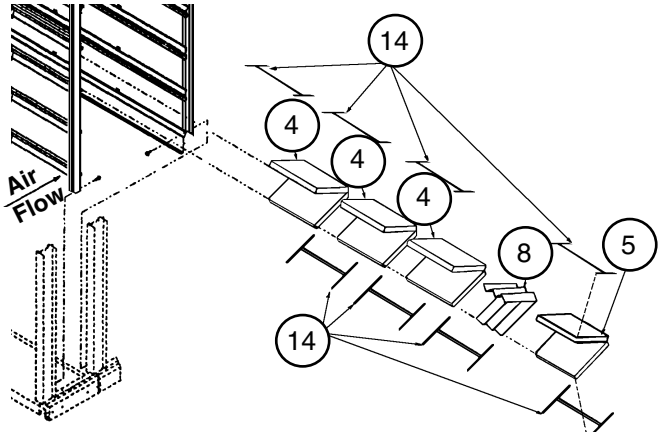


LT13- Filter Section Light/S13- Filter Section Light Switch/ REC13- Filter Section Receptacle C49= E or F

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	055737501	1
85	Bulb- LT13	065492402	1
88	Light Switch- S13	065492201	1
89	Receptacle- REC13	030187000	1

Section B- Draw-Thru Filter/Blank Section
Filters

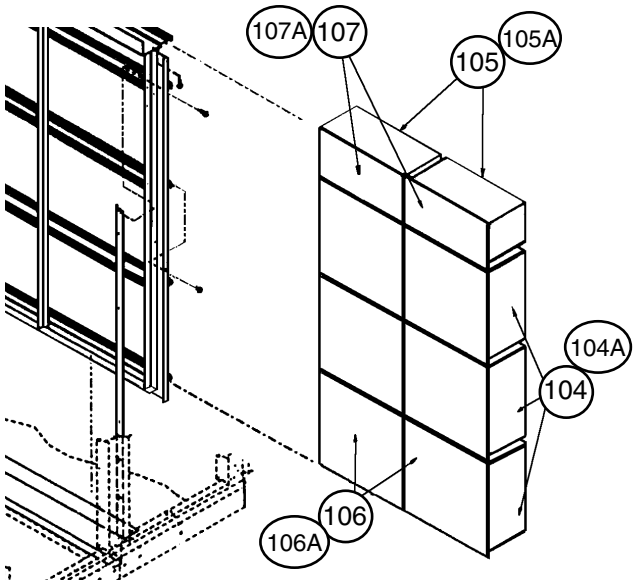
Angular Filter Rack- Code 25= AA, AB, AC, DB, DC, EB, EC



Ref. No.	Part Description	Code 25=	Part Number	Qty.
4	Filter- Throwaway [1]	AA	000016100	33
	Filter- 30% Eff. Throwaway [1]	*B	031298002	33
	Filter- 30% Eff w/Intersept [1]	*C	111046306	33
5	Filter- Throwaway [2]	AA	000011700	11
	Filter- 30% Eff. Throwaway [2]	*B	031298001	11
	Filter- 30% Eff w/Intersept [2]	*C	111046305	11
8	Stop, Filter		011484101	11
14	Angle Assembly [3]		056077301	33

* First digit of code, may be A, D or E.
[1] Filter size= 16 x 25 x 2.
[2] Filter size= 16 x 20 x 2.
[3] Optional- angle is mounted on leaving air side.

Flat Filter Rack- Code 25= FD, FE, FG, GD, GE, GG, HD, HE, HG

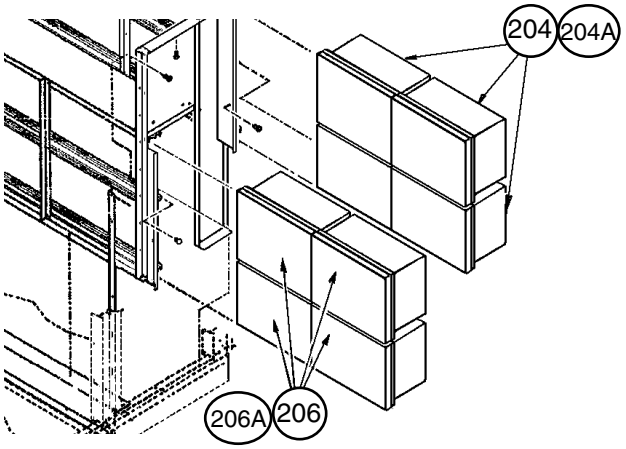


Ref. No.	Part Description	Code 25=	Part Number	Qty.
104	Filter- 65% Eff. Cartridge [4]	*D	065810704	12
	Filter- 95% Eff Cartridge [4]	*E	065810702	12
104A	Gasket- Filter		021768924	12
105	Filter- 65% Eff. Cartridge [5]	*D	065810703	4
	Filter- 95% Eff Cartridge [5]	*E	065810701	4
105A	Gasket- Filter		021768912	4
106	Pre Filter [6]	*D or *E		
	until 3/02		031298006	12
	3/02 & later		111046101	12
106A	Gasket- Pre Filter		111051900	24ft
107	Pre Filter [7]	*D or *E		
	until 3/02		031298005	4
	3/02 & later		111046103	4
107A	Gasket- Pre Filter		111051900	8 ft

* First digit of code, may be F, G or H.
[4] Filter size= 24 x 24 x 12. [5] Filter size= 12 x 24 x 12.
[6] Filter size= 24 x 24 x 2. [7] Filter size= 12 x 24 x 2.

Section B- Draw-Thru Filter/Blank Section
Filters, Continued

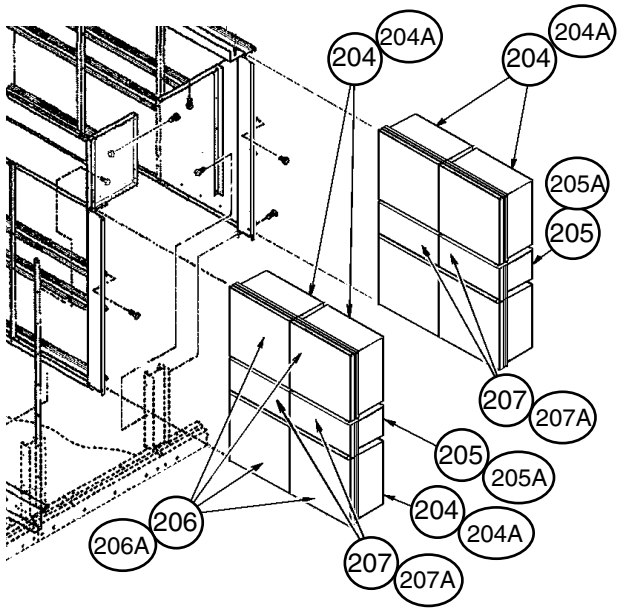
Staggered Filter Rack- Code 25= SD, SE, SG, TD, TE, TG, VD, VE, VG



Ref. No.	Part Description	Code 25=	Part Number	Qty.
204	Filter- 65% Eff. Cartridge [4]	*D	065810704	16
	Filter- 95% Eff Cartridge [4]	*E	065810702	16
204A	Gasket- Filter		021768924	16
206	Pre Filter [5]	*D or *E		
	until 3/02		031298006	16
	3/02 & later		111046101	16
206A	Gasket- Pre Filter		111051900	32ft

* First digit of code, may be S, T or V.
[4] Filter size= 24 x 24 x 12.
[5] Filter size= 24 x 24 x 2.

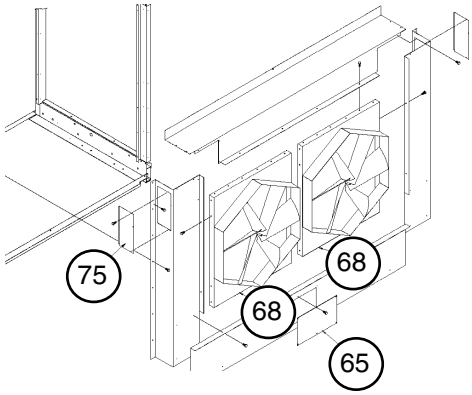
Large Staggered Filter Rack- Code 25= LD, LE, LG



Ref. No.	Part Description	Code 25=	Part Number	Qty.
204	Filter- 65% Eff. Cartridge [4]	LD	065810704	16
	Filter- 95% Eff Cartridge [4]	LE	065810702	16
204A	Gasket- Filter		021768924	16
205	Filter- 65% Eff. Cartridge [5]	LD	065810703	8
	Filter- 95% Eff Cartridge [5]	LE	065810701	8
205A	Gasket- Filter		021768912	8
206	Pre Filter [6]	LD/LE		
	until 3/02		031298006	16
	3/02 & later		111046101	16
206A	Gasket- Pre Filter		111051900	32ft
207	Pre Filter [7]	LD/LE		
	until 3/02		031298005	8
	3/02 & later		111046103	8
207A	Gasket- Pre Filter		111051900	16ft

[4] Filter size= 24 x 24 x 12. [5] Filter size= 12 x 24 x 12.
[6] Filter size= 24 x 24 x 2. [7] Filter size= 12 x 24 x 2.

Air Blender Section Parts
(C25= EE, EC, HD, HE, HG, VD, VE, VG)



Ref. No.	Part Description	Part Number	Qty.
65	Panel- Access	251802801	2
68	Air Blender	205139546	2
75	Plate- Economizer Linkage Access	059384601	1

Section C- Draw-Thru Blank Access Section or Separate Inverter Section

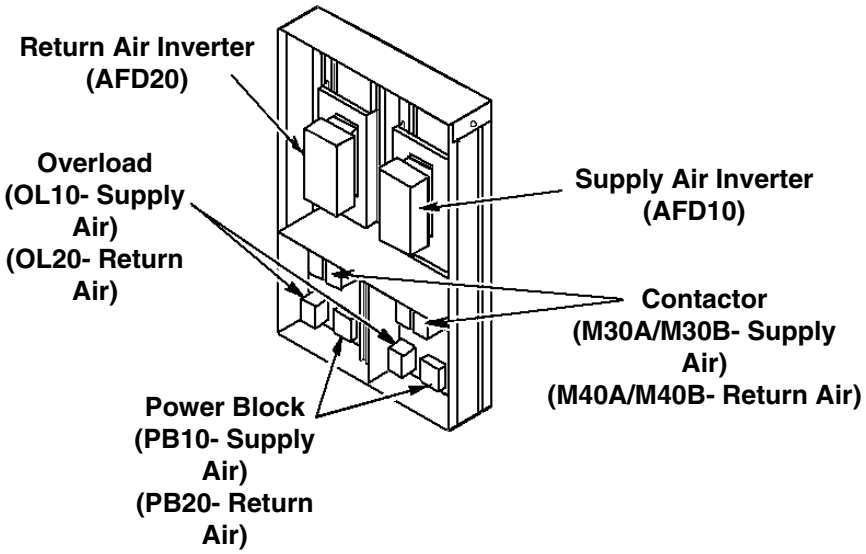
Notes

Primary Codes that pertain: 26, 14, 15
Additional Codes that pertain: 06

Code 26 determines if a section is installed and if so, the size of the section. If Code 26= S there is a 48" blank section. If Code 26= Y, there is no section.

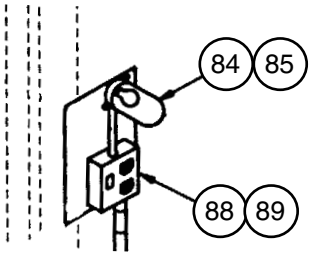
Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blank compartment, contact Daikin McQuay Parts to insure correct liners, insulation and hardware are ordered.**

Codes 14 & 15 determine if the unit has inverter(s) and if so where they are installed. If Code 14= 1, 2 or 4 AND Code 26= S, there is a separate inverter section. If Code 14= 3, 5, 6, 7, 8 or 9, the inverter(s) are installed in the Supply Air Section. If Code 14= Y, there are no inverters. Code 15 determines the inverter type. The Inverter with Bypass is shown below. **All components pertaining to the Inverter are listed in the Supply Air Section (Section F).**


Return Air Inverter (AFD20)
Overload (OL10- Supply Air) (OL20- Return Air)
Supply Air Inverter (AFD10)
Contactor (M30A/M30B- Supply Air) (M40A/M40B- Return Air)
Power Block (PB10- Supply Air) (PB20- Return Air)

Section C- Draw-Thru Blank Access Section or Separate Inverter Section

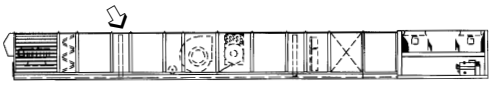
Unit Mounted Controls



LT17- Filter Section Light/S17- Filter Section Light Switch/ REC17- Filter Section Receptacle

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT17	065492402	1
88	Light Switch- S17	065492201	1
89	Receptacle- REC17	030187000	1

Section D- Draw-Thru Combination Coil Section
Notes



Primary Codes that pertain: 03, 27, 28, 29
Additional Codes that pertain: 06

Code 03 determines the cooling coil size. if Code 03= S there is a small face area coil, and if Code 03= L it is a large face area coil.

Code 27 determines if there is a Section D. If Code 27= YYYY, then there is no section. If the first digit of the code is C then there is a cooling coil, If it is B there is a cooling coil with a preheat coil, if it is H there is a heating coil only, and if it is D there is a drain pan with no coil. The second digit determines the cooling valve size (not applicable for units without hydronic coil). The third digit determines if there is a face & bypass actuator. The fourth digit determines the type of drain pan Y= galvanized, S= stainless.

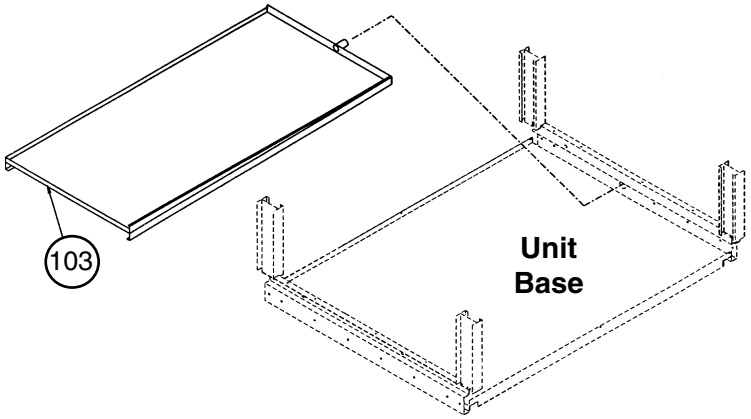
Code 28 determines the cooling coil characteristics. Code 28 will not apply if Code 27= DYYY or DYYS or YYYY.

Code 29 determines the heating coil characteristics. Code 29 will not apply if Code 27= C****, DYYY, DYYS or YYYY.

Code 06 determines the liners and insulation, and will affect the final assembly panels. For sheet metal cabinet components, contact Daikin McQuay Parts with unit serial and/or G.O. number.

NOTE: The drawings and components listed in this section also apply to Section I—Blow-Thru Combination Coil Section.

Drain Pan Only
(Code 27= DYYY or DYYS)

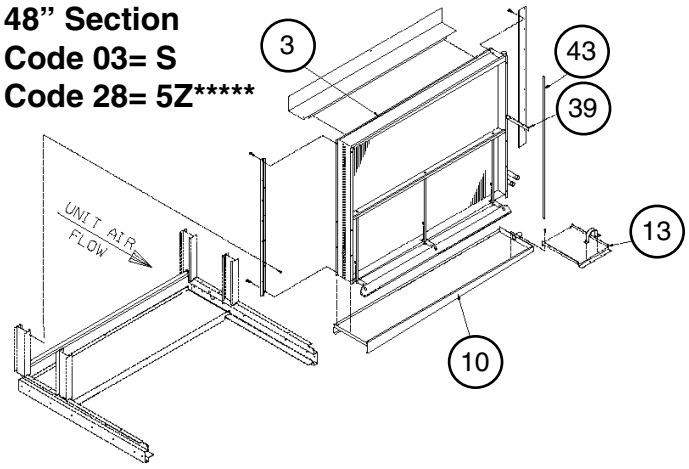


Ref. No.	Part Description	Drain Pan Material C27=		Qty.
		DYYY- Galvanized	DYYS- Stainless	
103	Drain Pan	056267769	056267770	1

Section D- Draw-Thru Combination Coil Section

Cooling Only Units w/ DX Evaporator Coil
(Code 27= C***, Code 28= 5ZY****)
Coils, Drain Pans, Gasketing

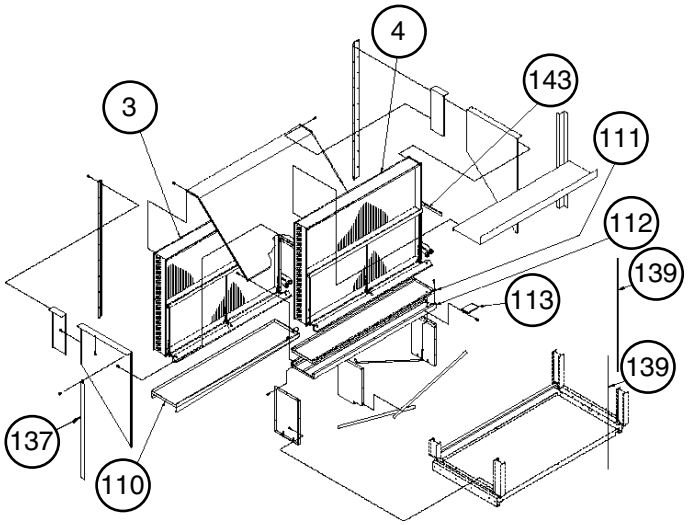
Small Face Area
Evaporator DX Coil
48" Section
Code 03= S
Code 28= 5Z***



Ref. No.	Part Description		Part Number	Qty.
3	Coil- Cooling		[2]	
10	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY	056267755	1
	Stainless	C27= CYYS	056267756	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531301	1
	Stainless	C27= CYYS	055531302	1
13	Pan- Auxilliary	9/93 & later		
	Galvanized	C27= CYYY	055926503	1
	Stainless	C27= CYYS	056267756	1
	Pan- Auxiliary	Until 9/93	055524402	1
39	Gasket		049263200	6'
43	Gasket		021911422	2

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.

Large Face Area Coil
Evaporator DX Coil
48" Section
Code 03= L
Code 28= 5Z***



Ref. No.	Part Description		Part Number	Qty.
3	Coil, Cooling- Lower		[2]	
4	Coil, Cooling- Upper		[2]	
110	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY	056267751	1
	Stainless	C27= CYYS	056267752	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531301	1
	Stainless	C27= CYYS	055531302	1
111	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY		
	Until 4/00		055531353	1
	4/00 & later		096235001	1
	Stainless	C27= CYYS	055531354	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531303	1
	Stainless	C27= CYYS	055531304	1
112	Pan- Liner			
	9/93 & later		055531202	1
	Until 9/93		055531201	1
113	Pan- Auxiliary			
	11/01 & later		056271401	1
	Until 11/01		055524401	1
137	Gasket		056003501	144
139	Gasket		049263200	7'
143	Gasket		021911422	4

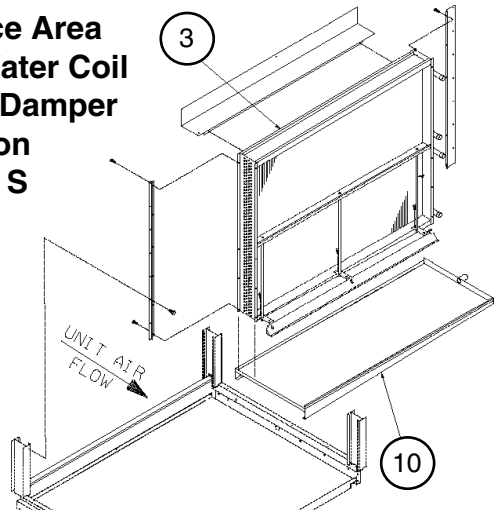
[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.

Section D- Draw-Thru Combination Coil Section

Cooling Only Units w/ Chilled Water Coil and No Face & Bypass Damper (Code 27= C*YY or C*YS, Code 28= 5D****, 5H****, 5L****, 5M**** or 5S****)

Coils, Drain Pans, Gasketing

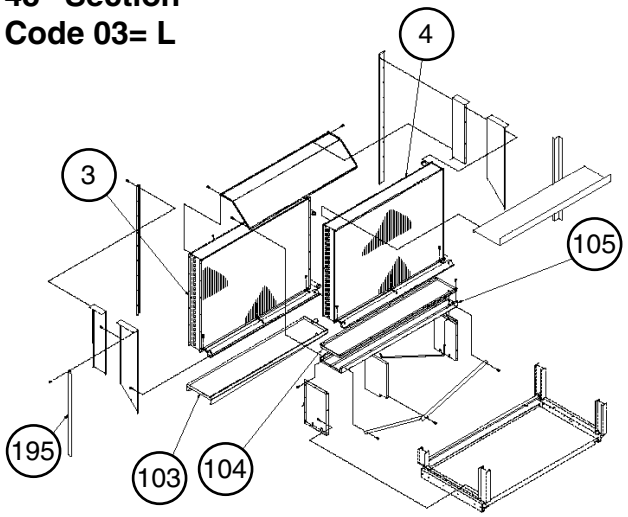
Small Face Area
Chilled Water Coil
No F & B Damper
48" Section
Code 03= S



Ref. No.	Part Description		Part Number	Qty.
3	Coil- Cooling		[2]	
10	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y	056267765	1
	Stainless	C27= C**S	056267766	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531315	1
	Stainless	C27= C**S	055531316	1

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.

Large Face Area Coil
Chilled Water Coil
No F & B Damper
48" Section
Code 03= L



Ref. No.	Part Description		Part Number	Qty.
3	Coil, Cooling- Lower		[2]	
4	Coil, Cooling- Upper		[2]	
103	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y	056267781	1
	Stainless	C27= C**S	056267782	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531303	1
	Stainless	C27= C**S	055531304	1
104	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY		
	Until 4/00		055531353	1
	4/00 & later		096235001	1
	Stainless	C27= C**S	055531354	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531301	1
	Stainless	C27= C**S	055531302	1
105	Pan- Liner			
	9/93 & later		055531203	1
	Until 9/93		055531201	1
195	Gasket		056003501	144

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.

Section D- Draw-Thru Combination Coil Section

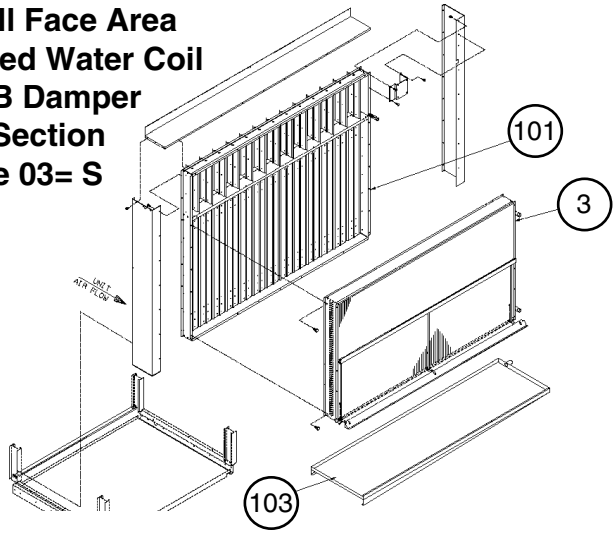
Cooling Only Units

w/ Small Face Chilled Water Coil and Face & Bypass Damper

(Code 03= S, Code 27= C*M* or C*E*, Code 28= 5D, 5H, 5L, 5M or 5S)

Coils, Drain Pans, Face & Bypass Damper

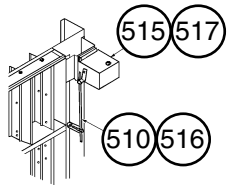
Small Face Area
Chilled Water Coil
F & B Damper
48" Section
Code 03= S



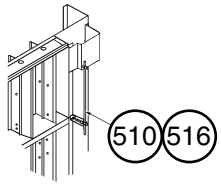
Ref. No.	Part Description		Part Number	Qty.
3	Coil- Cooling		[2]	
101	Face & Bypass Damper Assy[3]			
	Sloped Drain Pan [1]		056097012	1
	Non-Sloped Drain Pan [1]		056097002	1
103	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y	056267757	1
	Stainless	C27= C**S	056267758	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531307	1
	Stainless	C27= C**S	055531308	1

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] Detail below. Replacement parts listed apply to either assembly.

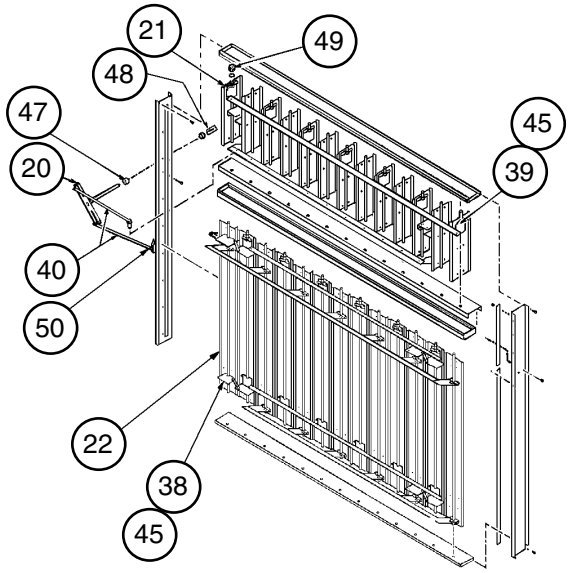
Face & Bypass Damper Detail— Part # 056097012 & 056097002 (w/ ACT8)



Motorized Actuator Detail— C27= C*M*



Manual Actuator Detail— C27= C*E*



Ref. No.	Part Description		Part Number	Qty.
20	Shaft Assy		056081003	1
21	Blade- Damper		056091703	13
22	Blade- Damper		056091704	13
38	Channel- Linkage		056070101	12
39	Channel- Linkage		056104201	39
40	Shaft- Linkage		055536611	2
45	Bearing, Sleeve- Flange		047138507	51
47	Collar- Lock		049115902	2
48	Crank Arm		025072600	1
49	Bearing, Flange- Damper		001113500	52
50	Ball Joint		000887000	4
510	Shaft- Linkage		055536606	1
515	Motor- ACT8	C27= C*M*	047936111	1
	Transformer	120/24V	067112601	1
516	Ball Joint		000887000	2
517	Crank Arm	C27= C*M*	023680400	1

Section D- Draw-Thru Combination Coil Section

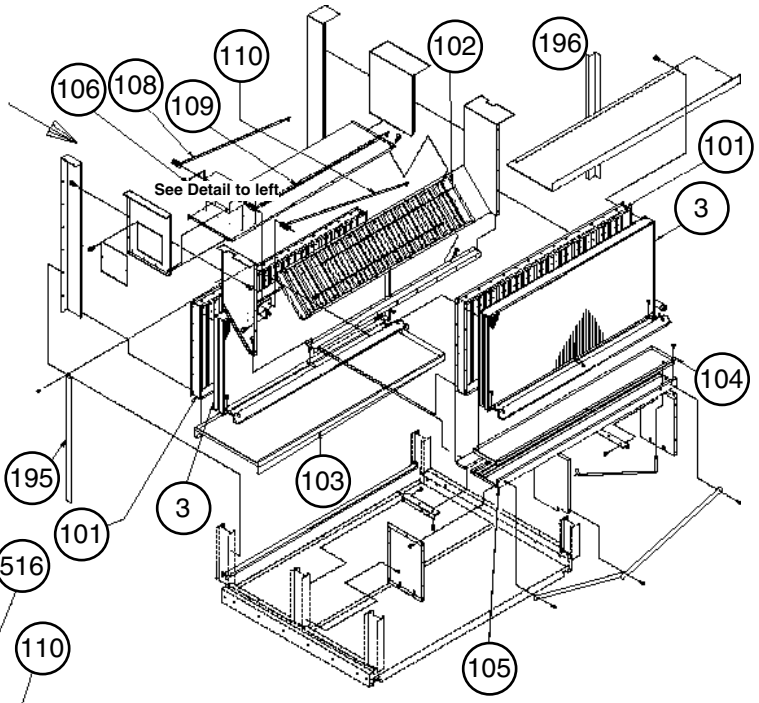
Cooling Only Units

w/ Large Face Chilled Water Coil and Face & Bypass Damper

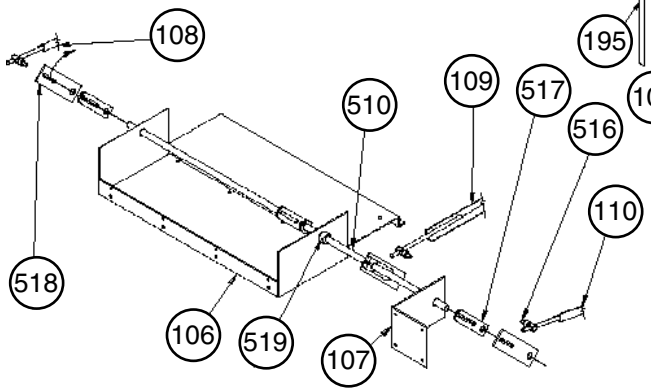
(Code 03= L, Code 27= C*M* or C*E*, Code 28= 5D, 5H, 5L, 5M or 5S)

Coils, Drain Pans, Face & Bypass Dampers

Large Face Area
Chilled Water Coil
F & B Damper
48/48" Section
Code 03= L



Linkage Rod Detail



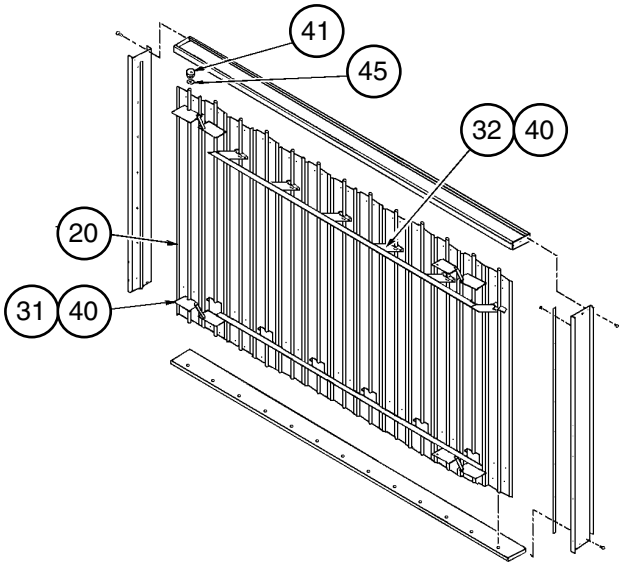
Ref. No.	Part Description	Part Number	Qty.
3	Coils- Cooling	[2]	
101	Face Damper Assy[3]		
	Sloped Drain Pan [1]	056097014	2
	Non-Sloped Drain Pan [1]	056097005	2
102	Bypass Damper Assy[3]	056097006	1
103	Drain Pan Sloped [1]		
	Galvanized C27= C**Y	056267760	1
	Stainless C27= C**S	056267762	1
	Drain Pan Non- Sloped [1]	055531310	1
104	Drain Pan Sloped [1]		
	Galvanized C27= C**Y		
	Until 4/00	055531363	1
	4/00 & later	096235501	1
	Stainless C27= C**S	055531364	1
	Drain Pan Non- Sloped [1]	055531313	1

Ref. No.	Part Description	Part Number	Qty.
105	Liner- Drain Pan until 9/93	056125404	1
	Liner- Drain Pan 9/93 & later	056125401	1
106	Support- Bearing	056119601	1
107	Support- Bearing	056119602	1
108	Shaft Assy until 8/00	056130101	1
	Shaft Assy 8/00 & later	056130103	1
109	Shaft Assy until 8/00	056130103	1
	Shaft Assy 8/00 & later	056130102	1
110	Shaft Assy	056130101	1
195	Baffle- Coil	091666701	1
196	Baffle- Coil	091666801	1
510	Shaft- Linkage	056101001	1
516	Ball Joint- Damper	000887000	6
517	Crank Arm	025072600	4
518	Plate- Crankarm	056097401	3
519	Lock Collar	049115902	1

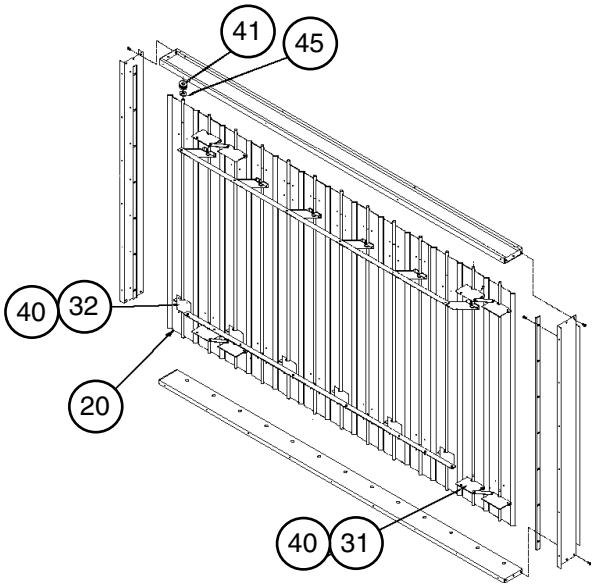
[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] Detail on following page. Replacement parts listed apply to either assembly.

Section D- Draw-Thru Combination Coil Section
Cooling Only Units
Face & Bypass Dampers p/n 056097014 & 056097006

Face Damper
Reference # 101
Part # 056097014 or 056097005



Bypass Damper
Reference # 102
Part # 056097006



Face Damper

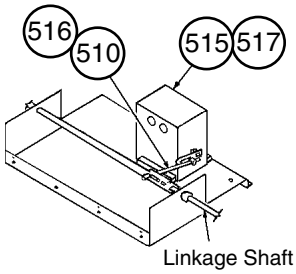
Ref. No.	Part Description	Part Number	Qty.
20	Blade- Damper	056091707	13
31	Channel- Linkage	056070101	8
32	Channel- Linkage	056104201	12
40	Bearing- Flange Sleeve	047138507	24
41	Bearing- Flange Damper	001113500	32
45	Washer	040500310	32

Bypass Damper

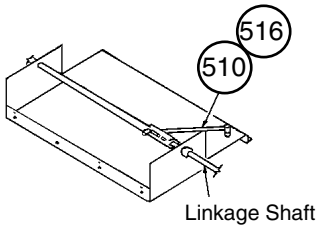
Ref. No.	Part Description	Part Number	Qty.
20	Blade- Damper	056091708	13
31	Channel- Linkage	056070101	8
32	Channel- Linkage	056104201	12
40	Bearing- Flange Sleeve	047138507	20
41	Bearing- Flange Damper	001113500	26
45	Washer	040500310	26

Face & Bypass Linkage Detail (w/ ACT8)

Motorized Linkage Detail— C27= C*M*



Manual Linkage Detail— C27= C*E*



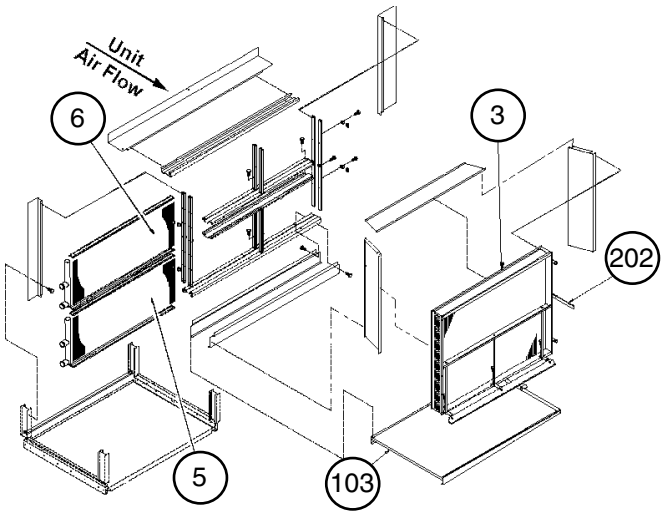
Linkage Detail

Ref. No.	Part Description	Part Number	Qty.
510	Shaft- Linkage		
	Manual Code 27= C*E*	055536607	1
	Motorized Code 27= C*M*	055536604	1
515	Motor- ACT8 C27= C*M*	047936111	1
	Transformer- Actuator Motor	0671126011	
516	Ball Joint	000887000	2
517	Crank Arm C27=C*M*	023680400	1

Section D- Draw-Thru Combination Coil Section

Combination Cool/Heat Coils w/ DX Evaporator Coil
(Code 27= B***, Code 28= 5ZY****, Code 29= 5J, 5H, 5S)
Coils, Drain Pans, Gasketing

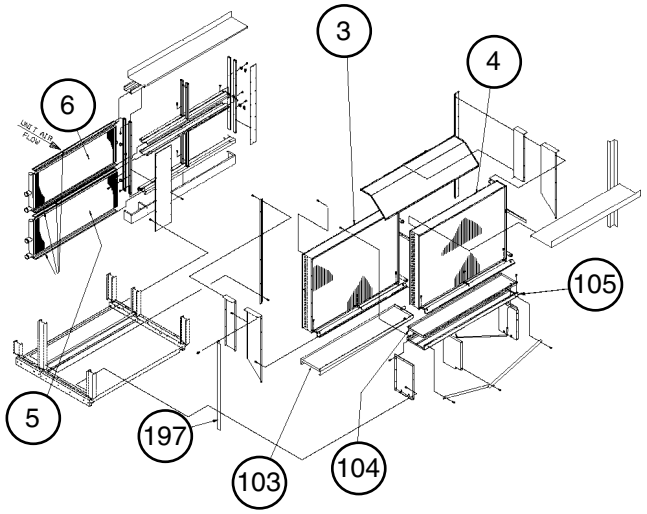
Small Face Area - Evaporator DX Coil
48” Section: Code 03= S, Code 28= 5Z*****



Ref. No.	Part Description		Part Number	Qty.
3	Coil- Cooling		[2]	
5	Coil, Heat- Lower		[3]	
6	Coil, Heat- Upper		[3]	
103	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y	056267767	1
	Stainless	C27= C**S	056267768	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531317	1
	Stainless	C27= C**S	055531318	1
202	Gasket		021911422	2

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] See two pages after next.

Large Face Area Coil
Evaporator DX Coil
24/48” Section
Code 03= L
Code 28= 5Z*****



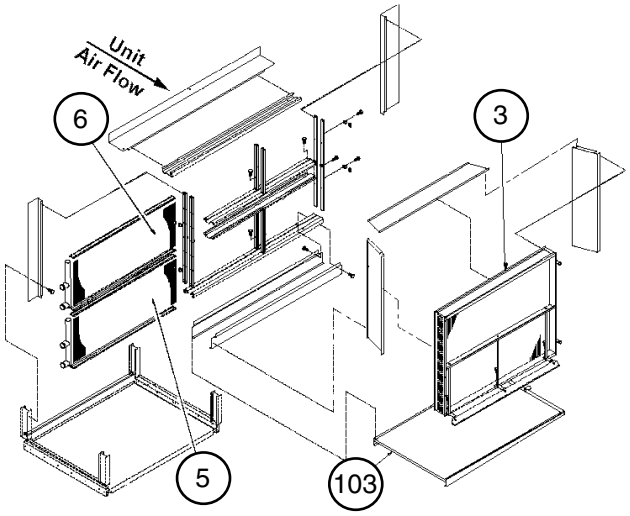
Ref. No.	Part Description		Part Number	Qty.
3	Coil, Cooling- Lower		[2]	
4	Coil, Cooling- Upper		[2]	
5	Coil, Heat- Lower		[3]	
6	Coil, Heat- Upper		[3]	
103	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y	056267771	1
	Stainless	C27= C**S	056267772	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= C**Y	055531305	1
	Stainless	C27= C**S	055531306	1
104	Drain Pan	Sloped [1]		
	Galvanized	C27= C**Y		
	Until 4/00		055531353	1
	4/00 & later		096235001	1
	Stainless	C27= C**S	055531354	1
	Drain Pan	Non- Sloped [1]	055531304	1
105	Pan- Liner			
	9/93 & later		055531202	1
	Until 9/93		055531201	1
197	Gasket		056003501	168

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] See two pages after next.

Section D- Draw-Thru Combination Coil Section

Combination Cool/Heat Coils w/ Chilled Water Cooling Coil
(Code 27= B***, Code 28= 5D, 5H, 5L, 5M or 5S, Code 29= 5J, 5H, 5S)
Coils, Drain Pans, Gasketing

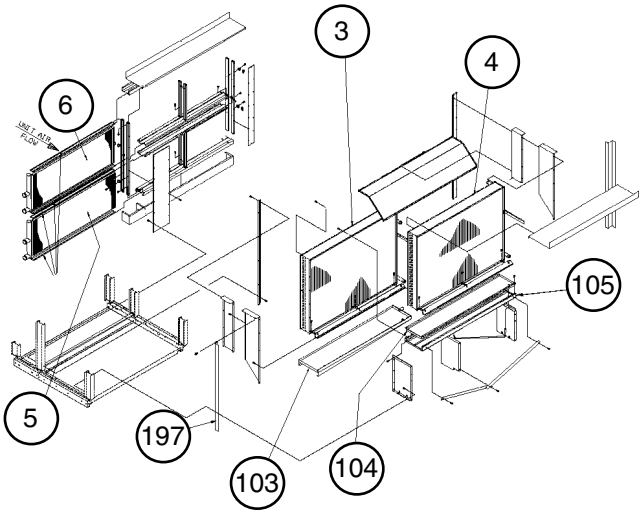
Small Face Area - Chilled Water Cooling Coil
48” Section: Code 03= S, Code 28= 5D, 5H, 5L, 5M or 5S



Ref. No.	Part Description		Part Number	Qty.
3	Coil- Cooling		[2]	
5	Coil, Heat- Lower		[3]	
6	Coil, Heat- Upper		[3]	
103	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY	056267767	1
	Stainless	C27= CYYS	056267768	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531317	1
	Stainless	C27= CYYS	055531318	1

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] See page after next.

Large Face Area Coil
Chilled Water Cooling Coil
24/48” Section
Code 03= L
Code 28= Code 28= 5D, 5H, 5L, 5M or 5S



Ref. No.	Part Description		Part Number	Qty.
3	Coil, Cooling- Lower		[2]	
4	Coil, Cooling- Upper		[2]	
5	Coil, Heat- Lower		[3]	
6	Coil, Heat- Upper		[3]	
103	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY	056267771	1
	Stainless	C27= CYYS	056267772	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531303	1
	Stainless	C27= CYYS	055531304	1
104	Drain Pan	Sloped [1]		
	Galvanized	C27= CYYY		
	Until 4/00		055531353	1
	4/00 & later		096235001	1
	Stainless	C27= CYYS	055531354	1
	Drain Pan	Non- Sloped [1]		
	Galvanized	C27= CYYY	055531321	1
	Stainless	C27= CYYS	055531322	1
105	Pan- Liner			
	9/93 & later		055531203	1
	Until 9/93		055531201	1
197	Gasket		056003501	168

[1] Sloped drain pans are used 9/93 & later.
[2] Contact Daikin McQuay Parts.
[3] See page after next.

Section D- Draw-Thru Combination Coil Section

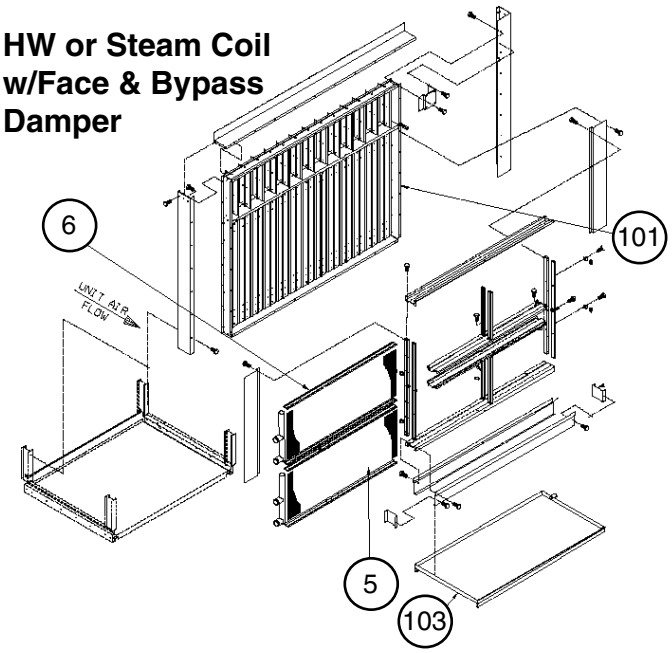
Heating Only Units

w/ Steam or Hot Water Heat Coil and Face & Bypass Damper

(Code 27= H*M* or H*E*, Code 28= YYYYY, Code 29= 5J, 5H, 5S)

Coils, Drain Pans, Face & Bypass Damper

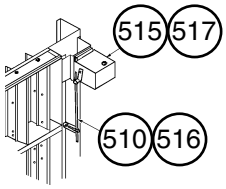
HW or Steam Coil w/Face & Bypass Damper



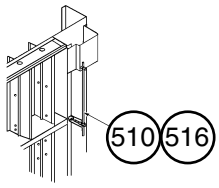
Ref. No.	Part Description	Part Number	Qty.
5	Coil- Heat	[2]	
6	Coil- Heat	[2]	
101	Face & Bypass Damper Assy[3]		
	Sloped Drain Pan [1]	056097012	1
	Non-Sloped Drain Pan [1]	056097002	1
103	Drain Pan Sloped [1]		
	Galvanized C27= H**Y	056267757	1
	Stainless C27= H**S	056267758	1
	Drain Pan Non- Sloped [1]		
	Galvanized C27= H**Y	055531307	1
	Stainless C27= H**S	055531308	1

[1] Sloped drain pans are used 9/93 & later.
[2] See next page.
[3] Detail below.

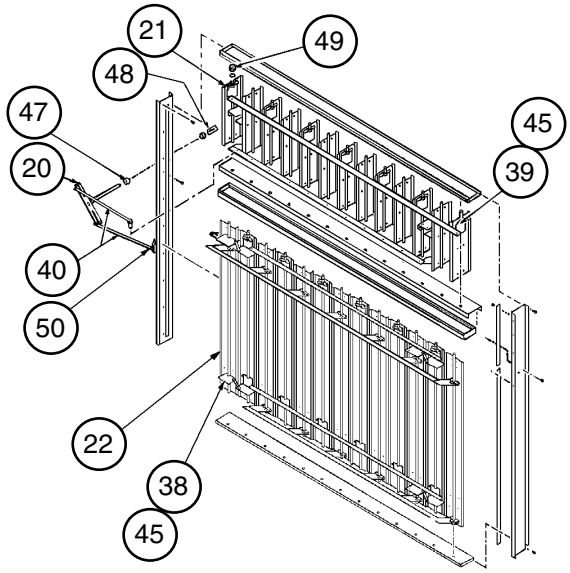
Face & Bypass Damper Detail— Part # 056097012 & 056097002 N(w/ ACT8)



Motorized Actuator Detail— C27= C*M*



Manual Actuator Detail— C27= C*E*



Ref. No.	Part Description	Part Number	Qty.
20	Shaft Assy	056081003	1
21	Blade- Damper	056091703	13
22	Blade- Damper	056091704	13
38	Channel- Linkage	056070101	12
39	Channel- Linkage	056104201	39
40	Shaft- Linkage	055536611	2
45	Bearing, Sleeve- Flange	047138507	51
47	Collar- Lock	049115902	2
48	Crank Arm	025072600	1
49	Bearing, Flange- Damper	001113500	52
50	Ball Joint	000887000	4
510	Shaft- Linkage	055536606	1
515	Motor- ACT8 C27= H*M*		
	10/99 & later	060011801	1
	Transformer- Act. Motor [4]	067112601	1
	Until 10/99	047936108	1
516	Ball Joint	000887000	2
517	Crank Arm C27= H*M*	023680400	1

[4] Transformer is used only on the newer actuator motor (10/99 & later).

Section D- Draw-Thru Combination Coil Section
Preheat Steam & Hot Water Coils

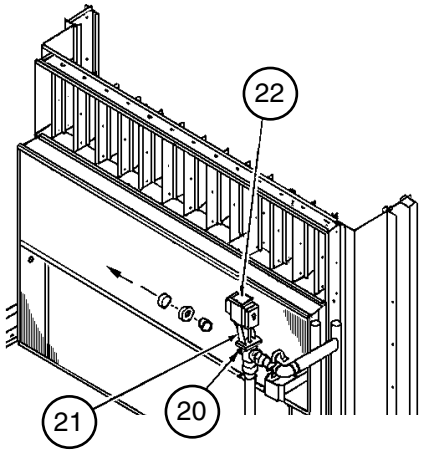
Preheat Steam & Hot Water Coils- Cooling/Heating Combo
Code 27 first digit = B
Code 29 first 2 digits = 5J, 5H or 5S

Ref. No.	Part Description	Code 29=	Number of Rows	Fins/ Inch	Coil Height	Part Number	Qty.
5	Steam Coil- Bottom	5J061H	1	6	42”	056053061	1
	Steam Coil- Bottom	5J062J	2	6	42”	056053063	1
	Steam Coil- Bottom	5J121H	1	12	42”	056053062	1
	Steam Coil- Bottom	5J122J	2	12	42”	056053064	1
	Hot Water Coil- Bottom	5H091H	1	9	42”	056053065	1
	Hot Water Coil- Bottom	5S092J	2	9	42”	056053066	1
6	Steam Coil- Top	5J061H	1	6	39”	056053041	1
	Steam Coil- Top	5J062J	2	6	39”	056053043	1
	Steam Coil- Top	5J121H	1	12	39”	056053042	1
	Steam Coil- Top	5J122J	2	12	39”	056053044	1
	Hot Water Coil- Top	5H091H	1	9	39”	056053045	1
	Hot Water Coil- Top	5S092J	2	9	39”	056053046	1

Preheat Steam & HW Coils- Heating Only w/ Face & Bypass Damper
Code 27 first digit = HYM* or HYE*
Code 29 first 2 digits = 5J, 5H or 5S

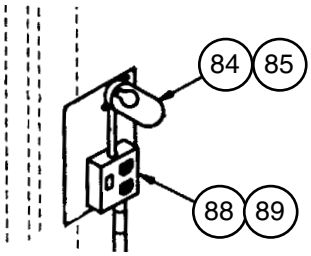
Ref. No.	Part Description	Code 29=	Number of Rows	Fins/ Inch	Coil Height	Part Number	Qty.
5	Steam Coil- Bottom	5J061H	1	6	27”	056053031	1
	Steam Coil- Bottom	5J062J	2	6	27”	056053013	1
	Steam Coil- Bottom	5J121H	1	12	27”	056053032	1
	Steam Coil- Bottom	5J122J	2	12	27”	056053014	1
	Hot Water Coil- Bottom	5H091H	1	9	27”	056053035	1
	Hot Water Coil- Bottom	5S092J	2	9	27”	056053016	1
6	Steam Coil- Top	5J061H	1	6	27”	056053031	1
	Steam Coil- Top	5J062J	2	6	27”	056053013	1
	Steam Coil- Top	5J121H	1	12	27”	056053032	1
	Steam Coil- Top	5J122J	2	12	27”	056053014	1
	Hot Water Coil- Top	5H091H	1	9	27”	056053035	1
	Hot Water Coil- Top	5S092J	2	9	27”	056053016	1

Section D- Draw-Thru Combination Coil Section
Chilled Water Coil 3- Way Valves
Code 27 first digit= C or B



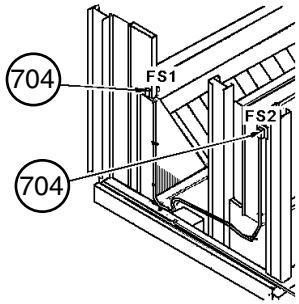
Ref No	Sch Sym	Part Description	Part Number	Qty.
20		Valve- Chilled Water Coil 3 Way		
		1.25" C27= CE** or BE**	047936505	1
		1.50" C27= CF** or BF**	047936501	1
		2.00" C27= CG** or BG**	047936502	1
		2.50" C27= CH** or BH**	047936506	1
		3.00" C27= CJ** or BJ**	047936503	1
21		Linkage- Valve Actuator		
		1.25", 1.50", 2.00" Valves	049762401	1
		2.50", 3.00" Valves	049762403	1
22	VM5	Motor- Cooling Valve Actuator	059999804	1

Section Mounted Controls
Code 27 first digit= C or B
LT21, FS1, FS2



LT21- Combination Coil Section Light/S21- Filter Section Light Switch/ REC21- Filter Section Receptacle.

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT21	065492402	1
88	Light Switch- S21	065492201	1
89	Receptacle- REC21	030187000	1

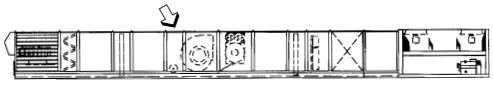


Large Face coil w/ Face & Bypass Damper Shown.

FS1, FS2- Freezestats. Freezestat is mounted on the first coil(s) in the airsteam.

Ref No.	Part Description	Part Number	Qty.
704	Freezestat- FS1, FS2		
	Until 4/01	065830001	2
	4/01 & Later	072502001	2

Section E- Draw-Thru Heat Section
Notes



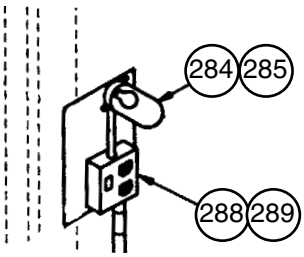
Primary Codes that pertain: 04, 30
Additional Codes that pertain:

Code 04 determines what type of heat. Draw- Thru Heat units are hydronic heat only, Steam (C04=S) or Hot Water (C04= H).

Code 30 determines the coil and associated valve characteristics.

NOTE: There are some Draw-Thru Electric Heat units; see Section G [Blow Thru Heat] for all Electric Heat components).

Section Mounted Controls
LT18, REC18, S18- Section Mounted Light



LT18- Return Fan Light/S18- Return Fan Light Switch/ REC18- Return Fan Light Receptacle

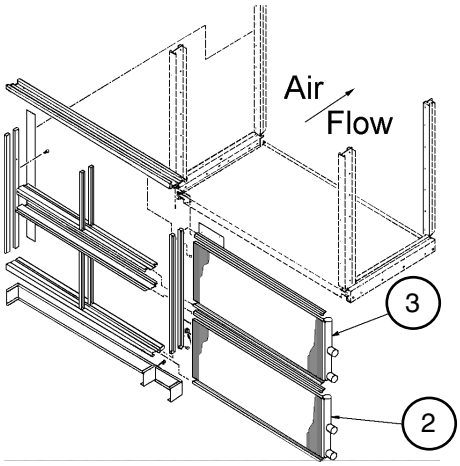
Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT18	065492402	1
288	Light Switch- S18	065492201	1
289	Receptacle- REC18	030187000	1

Section E- Draw-Thru Heat Section

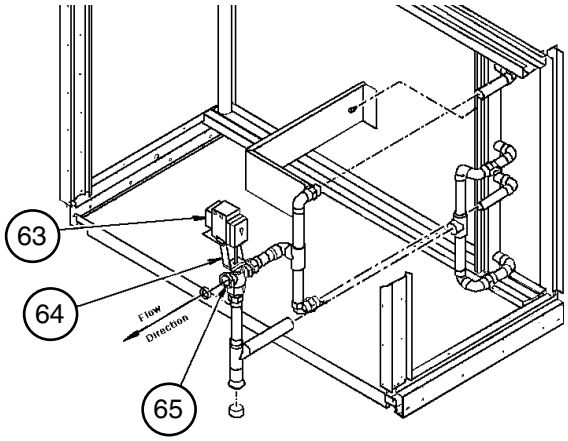
Hot Water or Steam Coil Heat, Mixing Valves and Actuator (VM1)

Code 30 first 3 digits = S11, S12, S13, S14, W11, W12, W22

Coil Location



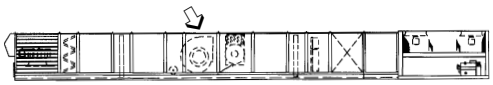
Mixing Valve Detail



Ref No.	Sch. Sym.	Part Description	Code 30=	Coil Type	Coil Height	Part Number	Qty.
2		Steam Heat Coil- Bottom	S11***	5JA0601H	42”	056053061 [3]	1
		Steam Heat Coil- Bottom	S12***	5JA1201H	42”	056053062 [3]	1
		Steam Heat Coil- Bottom	S13***	5JA0602C	42”	056053063	1
		Steam Heat Coil- Bottom	S14***	5JA1202C	42”	056053064	1
		Hot Water Heat Coil- Bottom	W11***	5WH0901H	42”	056053065 [3]	1
		Hot Water Heat Coil- Bottom	W22***	5WS0902C	42”	056053066	1
3		Steam Heat Coil- Top	S11***	5JA0601H	39”	056053041 [3]	1
		Steam Heat Coil- Top	S12***	5JA1201H	39”	056053042 [3]	1
		Steam Heat Coil- Top	S13***	5JA0602C	39”	056053043	1
		Steam Heat Coil- Top	S14***	5JA1202C	39”	056053044	1
		Hot Water Heat Coil- Top	W11***	5WH0901H	39”	056053045 [3]	1
		Hot Water Heat Coil- Top	W22***	5WS0902C	39”	056053046	1
63	VM1	Actuator- 120V	*****E	All	All	059999804	1
64		Linkage- 1.50” or 2.00” Valve	*****E	All	All	049762401	1
		Linkage- 2.50” or 3.00” Valve	*****E	All	All	049762403	1
65		Valve, 2 Way— Steam Heat					
		1.50”	S**F2*	5JA	All	049762503	1
		2.00”	S**G2*	5JA	All	049762504	1
		2.50”	S**H2*	5JA	All	049762505	1
		3.00” [1]	S**J2*	5JA	All	049762506	1
		Valve, 3 Way— Hot Water Heat					
		1.50”	W**F3*	5WH, 5WS	All	047936501	1
		2.00”	W**G3*	5WH, 5WS	All	047936502	1
		2.50”	W**H3*	5WH, 5WS	All	047936506	1
		3.00” [2]	W**J3*	5WH, 5WS	All	047936503	1

[1] Steam Heat 3.00” valve has a flange gasket p/n: 031315900.
[2] Hot Water Heat 3.00” valve has a flange gasket p/n: 031316000.
[3] Contact Daikin McQuay Parts for units built before 1/95.

Section F- Supply Air Section
Notes



Primary Codes that pertain: 31, 32, 33, 12, 14, 15, 40
Additional Codes that pertain: 04, 06, 34

Code 31 determines the fan size and type, Code 32 determines the motor horsepower and type, and Code 33 determines the drive selection. The drive components (fan sheave, motor sheave, belt, and fan bushing) are not listed as they are unique to the unit. **The drive components (fan sheave, motor sheave, belt, and fan bushing) are not listed as they are unique to the unit. If a drive component is required you may use the number from the part and cross reference it with the Drive Components Cross Reference form number: 571006, or contact Daikin McQuay Parts to ensure that the needed part(s) are correctly identified**. The motors range from 5 - 75 horsepower.

Code 04 and Code 34 determine the heat type, which can affect the final assembly part numbers, the location of the discharge plenum, as well as the section- installed controls.

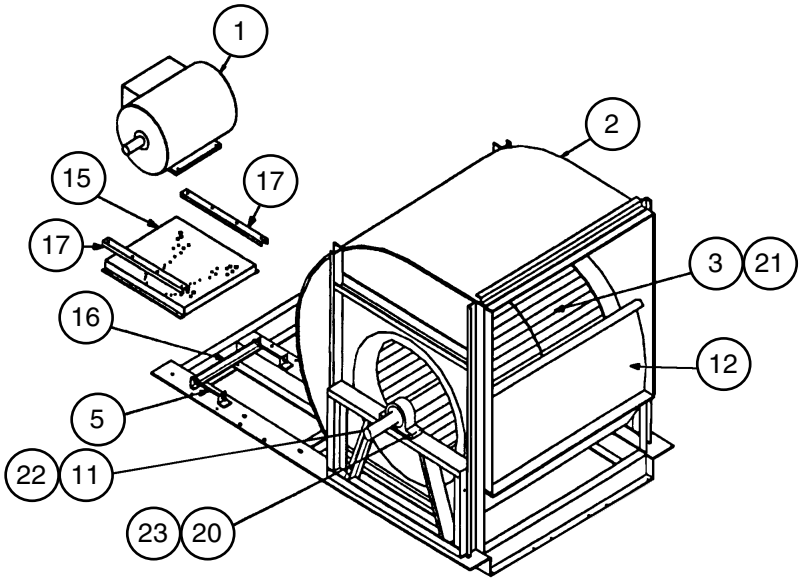
Code 06 determines the liners and insulation, and will affect the final assembly panels. For sheet metal cabinet components, contact Daikin McQuay Parts with unit serial and/or G.O. number.

Code 12 determines the location of the unit's main control box. RAH units with no blow thru section have main control boxes in the Supply Air section.

Code 40 determines the discharge plenum configuration. The discharge plenum is located in Section F when the section is bolted directly to the condenser (Section M). **If Code 40= BE, there is an isolation damper with actuator ACT5. The damper is detailed in Section K.**

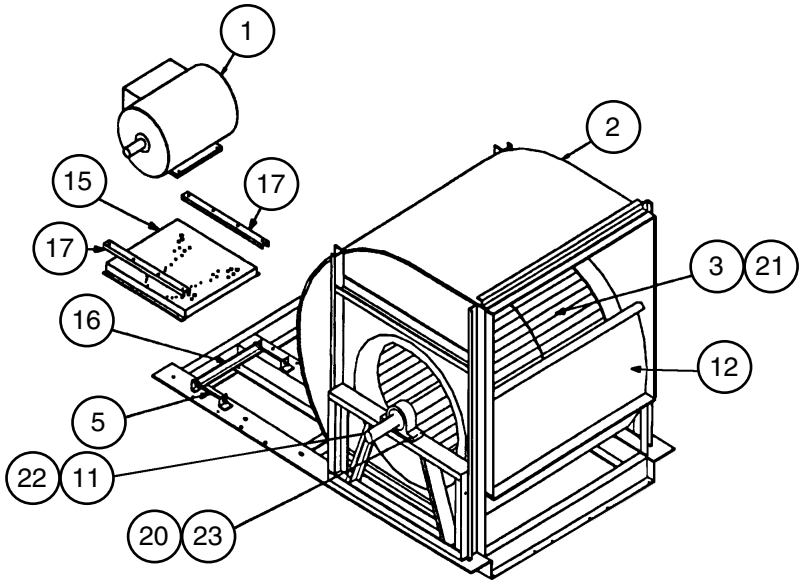
Codes 14 & 15 determine if the unit has inverter(s) and if so where they are installed. If Code 14= 3, 5, 6, 7, 8 or 9, the inverter(s) are installed in the Supply Air Section. If Code 14= 1, 2 or 4 AND Code 25= S, there is a separate inverter section. If Code 14= Y, there are no inverters. Code 15 determines the inverter type. **All components pertaining to the Inverter are listed in this section.**

Section F- Supply Air Section
Forward Curved Fans
Low Pressure- FCLP- Code31= 33F*, 36F* or 40F*



Ref. No.	Part Description	Part Number	Fan Size		
			33”	36”	40”
1	Motor- see table at end of Section F				
2	Housing- Blower Assy	055527716	1		
	Housing- Blower Assy	055527717		1	
	Housing- Blower Assy	055527719			1
3	Wheel Assembly	012725735	1		
	Wheel Assembly	012726239		1	
	Wheel Assembly	012726743			1
5	Screw Adjust Assy	055528202	1	1	1
11	Shaft- 2.188” Dia.	055582702	1		
	Shaft- 2.438” Dia.	055667502		1	
	Shaft- 2.688” Dia.	055664602			1
12	Plate, Cutoff	029309800	1		
	Plate, Cutoff	029309900		1	
	Plate, Cutoff	029310001			1
15	Mount Assy- Motor	056104501	1	1	1
16	Angle- Motor Mount	055514201	1	1	1
17	Hold Down	041272900	2	2	2
20	Plate- Shim	032422700	2		
21	Key- Fan, 4.75” Long	023221508	1		
	Key- Fan, 6.90” Long	023221619		1	1
22	Key- Sheave, 6.50” Long	023221515	1		
	Key- Sheave, 6.50” Long	023221610		1	1
23	Bearing- Ball- 2.188”	020648604	2		
	Bearing- Ball- 2.438”	020648605		2	
	Bearing- Ball- 2.688”	020648608			2

Section F- Supply Air Section
Forward Curved Fans
High Pressure- FCMP- Code31= 33M* or 36M*

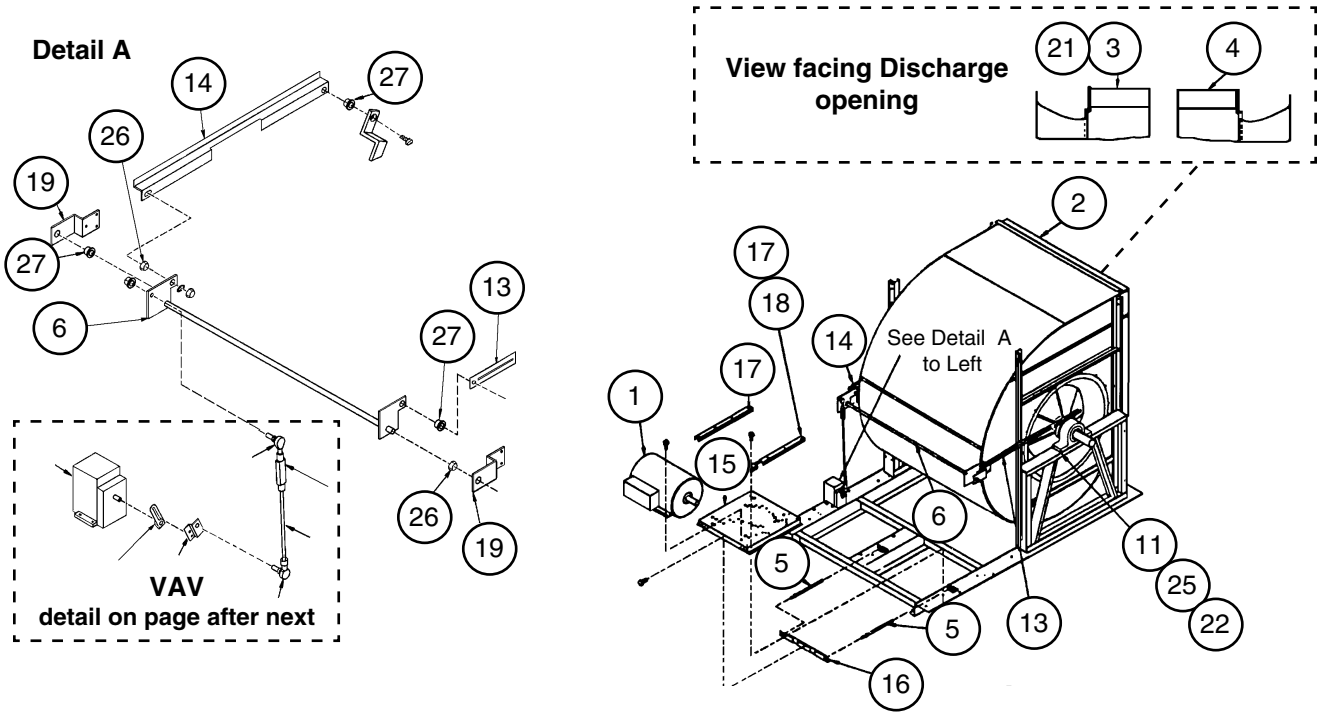


Ref. No.	Part Description		Part Number	Fan Size 33”	Fan Size 36”
1	Motor- see table at end of Section F				
2	Housing- Blower Assy		055527716	1	
	Housing- Blower Assy		055527718		1
3	Wheel Assembly		012727939	1	
	Wheel Assembly		012728343		1
5	Screw Adjust Assy		055528202	1	1
11	Shaft- 2.438” Dia.		055515702	1	
	Shaft- 2.688” Dia.		055667303		1
12	Plate, Cutoff		029309800	1	
	Plate, Cutoff		029309900		1
15	Mount Assy- Motor		056104501	1	1
16	Angle- Motor Mount		055514201	1	1
17	Hold Down		041272900	2	2
20	Plate- Shim		032422700	1	
21	Key- Fan, 9.25” Long	until 4/01	023221614	1	
	Key- Fan, 4.25” Long	4/ 01 & later	023221617	2	
	Key- Fan, 10.00” Long		023221613		1
22	Key- Sheave, 6.50” Long		023221610	1	1
23	Bearing- Ball- 2.437”		020648605	2	
	Bearing- Ball- 2.688”		020648608		2

Section F- Supply Air Section

Air Foil Fan- Double Width

Code 31= 33V*, 33A*, 36V*, 36A*, 40V* or 40A*

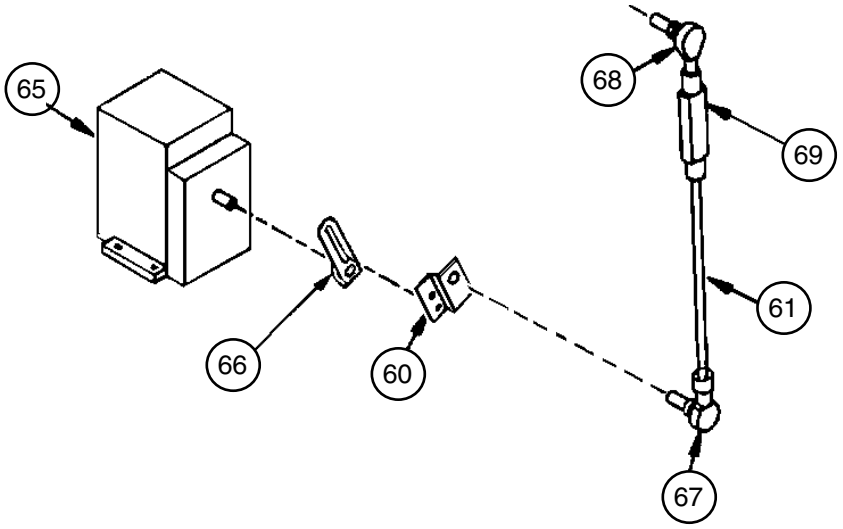


Ref. No	Part Description		Part Number	Fan Size 33”	36”	40”
1	Motor- see table at end of Section F					
2	Housing Assy- Blower, w/Inlet Vanes	C31= 33V*	055527710	1		
	Inlet Vane Assembly Only	CW	032739500	1		
	Inlet Vane Assembly Only	CCW	032738900	1		
	Housing Assy- Blower, w/o Inlet Vanes	C31= 33A*	055527704	1		
	Inlet Funnel Only		031940903	2		
	Housing Assy- Blower, w/Inlet Vanes	C31= 36V*	055527711		1	
	Inlet Vane Assembly Only	CW	032739600		1	
	Inlet Vane Assembly Only	CCW	032739000		1	
	Housing Assy- Blower, w/o Inlet Vanes	C31= 36A*	055527705		1	
	Inlet Funnel Only		031940904		2	
	Housing Assy- Blower, w/Inlet Vanes	C31= 40V*	055527712			1
	Inlet Vane Assembly Only	CW	032739700			1
	Inlet Vane Assembly Only	CCW	032739100			1
	Housing Assy- Blower, w/o Inlet Vanes	C31= 40A*	055527706			1
	Inlet Funnel Only		031940905			2
3	Wheel, Fan- Single Inlet Single Width	CW	066543205	1		
	Wheel, Fan- Single Inlet Single Width	CW	066543207		1	
	Wheel, Fan- Single Inlet Single Width	CW	066543209			1
4	Wheel, Fan- Single Inlet Single Width	CCW	066543206	1		
	Wheel, Fan- Single Inlet Single Width	CCW	066543208		1	
	Wheel, Fan- Single Inlet Single Width	CCW	066543210			1
5	Screw Adjust Assembly		055528202	2	2	2

Section F- Supply Air Section
Air Foil Fan- Double Width
Code 31= 33V*, 33A*, 36V*, 36A*, 40V* or 40A*
Continued

Ref. No	Part Description		Part Number	Fan Size 33”	36”	40”
6	Crank Arm	Units with Inlet Vanes only	055529403	1		
	Crank Arm	Units with Inlet Vanes only	055529404		1	
	Crank Arm	Units with Inlet Vanes only	055529405			1
11	Shaft- 2.438” Diameter		055515702	1		
	Shaft- 2.688” Diameter		055667303		1	
	Shaft- 2.938” Diameter		055642402			1
13	Angle- Linkage	Units with Inlet Vanes only	055570901	1		
	Angle- Linkage	Units with Inlet Vanes only	055667201		1	
	Angle- Linkage	Units with Inlet Vanes only	055644301			1
14	Angle- Linkage	Units with Inlet Vanes only	055570902	1		
	Angle- Linkage	Units with Inlet Vanes only	055667202		1	
	Angle- Linkage	Units with Inlet Vanes only	055644302			1
15	Motor Mount Assembly		056104501	1	1	1
16	Angle- Motor Mount		055514201	1	1	1
17	Holddown		041272900	1	2	2
18	Angle, Clamping		055576601	1		
19	Mount, Bearing	Units with Inlet Vanes only	055570801	2	2	2
21	Key- Fan	4.75” Long X 5/8” Diameter				
	until 4/00		023221606	2		
	4/00 & later		023221617	2		
	Key- Fan	10.00” Long X 5/8” Diameter	023221613		1	
	Key- Fan	5.50” Long X 3/4” Diameter	023221702			2
22	Key- Sheave	6.50” Long X 1/2” Diameter	023221610	1	1	
	Key- Sheave	5.50” Long X 3/4” Diameter	023221702			1
25	Bearing- Ball	2.437” Bore	020648605	2		
	Bearing- Ball	2.688” Bore	020648608		2	
	Bearing- Ball	2.937” Bore	020648609			2
26	Bearing- Sleeve, .752“ Bore	Units with Inlet Vanes only	047138508	2	2	2
27	Bearing- Flange, .505“ Bore	Units with Inlet Vanes only	047138509	4	4	4

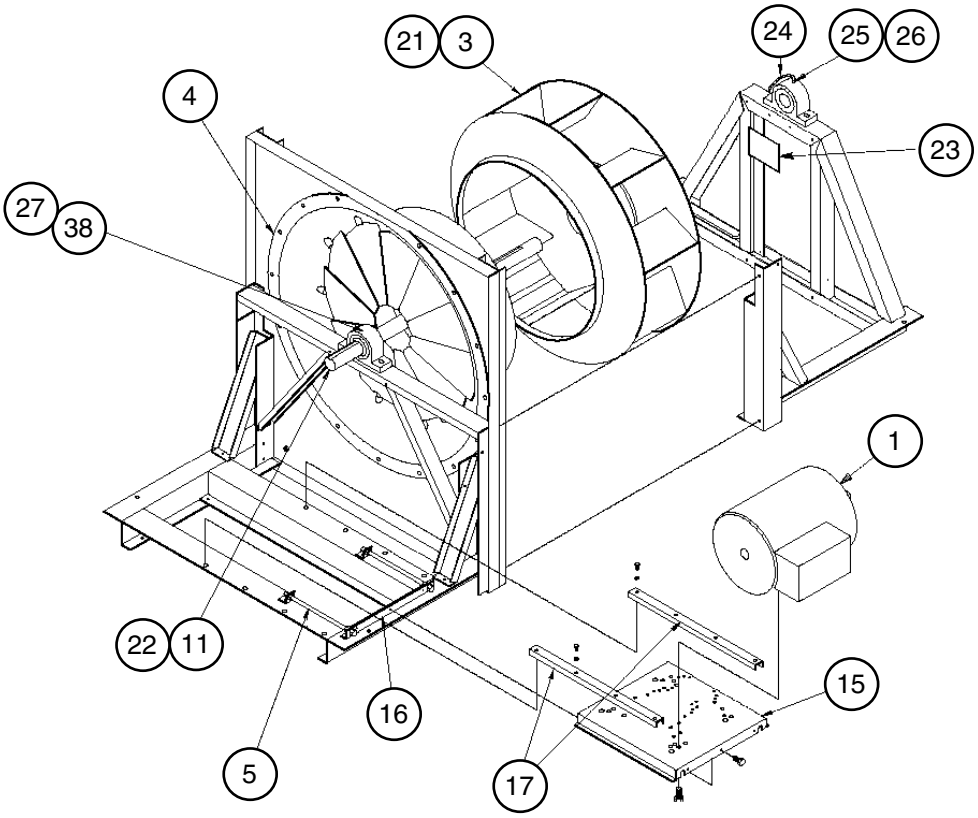
Section F- Supply Air Section
Air Foil- Double Width- VAV Assembly
Code 31= 33V*, 36V* or 40V*



Ref. No.	Motor H.P.	Part Description	Part Number	Fan Size 33”	36”	40”
60	All	Plate- Adapter	033603300	1	1	1
61	All	Shaft- Linkage	055530507	1		
	5 - 40	Shaft- Linkage	055530506		1	
	50 - 75	Shaft- Linkage	055530504		1	
	10 - 40	Shaft- Linkage	055530508			1
	50 - 75	Shaft- Linkage	055530505			1
65	[4]	Actuator- 120V ACT1	059999801 [1]	1	1	1
	[5]	Actuator- 120V ACT1	059999802 [2]	1	1	1
	[6]	Actuator- 120V ACT1	059999803 [3]		1	1
66	All	Crank Arm	032279200	1		
	10 - 40	Crank Arm	032279200		1	1
	50 - 75	Crank Arm	031771800		1	1
67	All	Ball Joint- Female	027671100	1	1	1
68	All	Ball Joint- Male	034256500	1	1	1
69	All	Turnbuckle	032851100	1	1	1

[1] Prior to 1/98 the actuator was p/n 031771701.
[2] Prior to 1/98 the actuator was p/n 031771702.
[3] Prior to 1/98 the actuator was p/n 031771600.
[4] Horsepower range— 33” fan: 5- 15HP; 36” or 40” fan: 10, 15 HP.
[5] Horsepower range— 33” fan: 20- 50HP; 36” or 40” fan: 20- 40 HP.
[6] Horsepower range— 36” or 40” fan: 50- 75 HP.

Section F- Supply Air Section
Air Foil Fan- Single Width- Draw-Thru/No Heat Units
Code 31= 44B*, 44W*, 49B* or 49W*
Diagram & Components



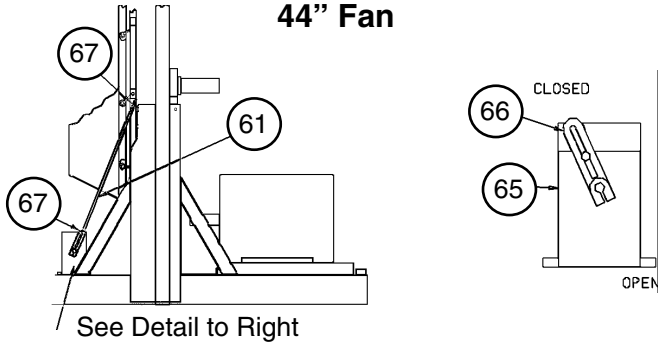
Ref. No.	Part Description		Part Number	Fan Size 44”	Fan Size 49”
1	Motor- see table at end of Section F				
3	Wheel, Fan- Single Inlet/Single Width	until 6/00	093413720	1	
	Wheel, Fan- Single Inlet/Single Width	6/00 & later	110942010	1	
	Wheel, Fan- Single Inlet/Single Width	until 6/00	093413572		1
	Wheel, Fan- Single Inlet/Single Width	6/00 & later	110942011		1
4	Fan Vane Control w/Funnel	C40= 44W*			
	Until 6/00		048447007	1	
	6/00 & later		110941910	1	
	Until 6/00		065816501		1
	6/00 & later		110941911		1
	Inlet Funnel Assembly (no vanes)	C40= 44B*			
	Until 6/00		092045214	1	
	6/00 & later		110941810	1	
	Until 6/00		092042515		1
	6/00 & later		110941811		1

Section F- Supply Air Section
Air Foil Fan- Single Width- Draw-Thru/No Heat Units
Code 31= 44B*, 44W*, 49B* or 49W*
Components, Continued

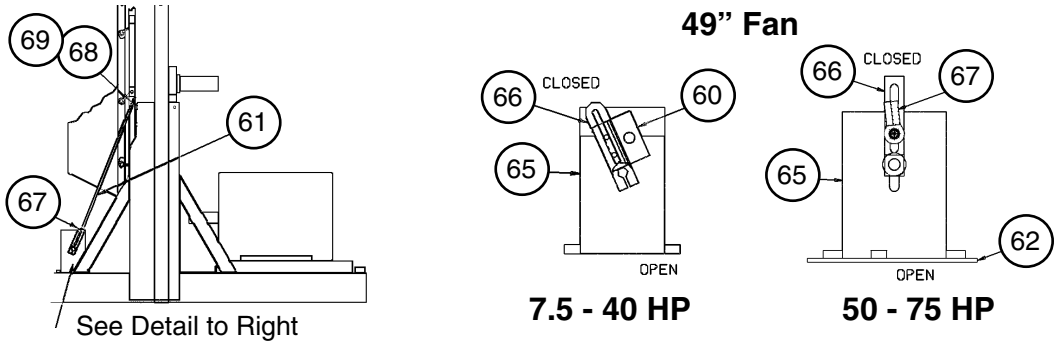
Ref. No.	Part Description		Part Number	Fan Size 44"	Fan Size 49"
5	Screw Adjust Assembly		055528203	2	2
11	Shaft- 2.438" Diameter		055534702	1	
	Shaft- 2.188" Diameter		056079802		1
15	Mount Assembly-Motor		056104501	1	1
16	Angle -Motor Mount		055514201	1	1
17	Angle, Clamping		055512701	2	2
21	Key- Fan, 6.50" Long X 5/8" Diameter		023221610	1	
	Key- Fan, 6.00" Long X 1/2" Diameter		023221520		2
22	Key- Fan, 5.50" Long X 5/8" Diameter		023221607	1	
	Key- Fan, 6.00" Long X 1/2" Diameter		023221520		1
23	Plate	until 1/00	055606701	1	1
24	Tubing- Plastic		021136795	1	
	Tubing- Plastic		021136798		1
25	Bearing- Ball, 2.437" Bore		020648605	1	
	Bearing- Ball, 2.188" Bore		020648604		1
26	Fitting- 1/4" OD X 1/8" MPT	until 12/04	021213700	1	1
	Fitting- 1/4" OD X 1/8" MPT	12/04 & later	027674000	1	1
27	Fitting- 1/4" OD X 1/8" FPT	until 12/04	021213800	1	1
	Fitting- 1/4" OD X 1/8" MPT	12/04 & later	027674100	1	1
38	Bearing- Ball, 2.437" Bore		020648605	1	
	Bearing- Ball, 2.188" Bore		049541108		1

Section F- Supply Air Section
Air Foil- Single Width- VAV Assembly
Code 31= 44W* or 49W*

44" Fan



49" Fan

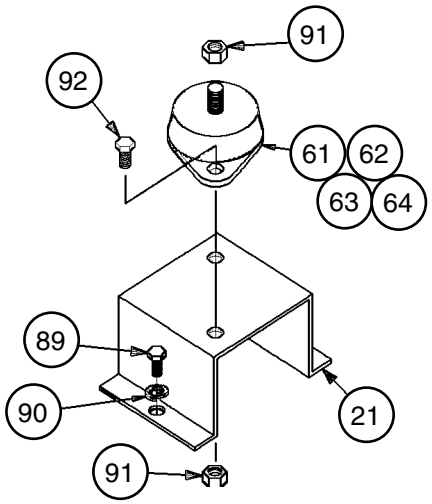


7.5 - 40 HP **50 - 75 HP**

Ref. No.	Motor H.P.	Part Description	Part Number	Fan Size 44"	Fan Size 49"
60	7.5 - 40	Mount- Ball Joint	056080101		1
61	All	Rod- Damper	028680926	1	
	7.5 - 40	Linkage- Shaft	055530509		1
	50 - 75	Linkage- Shaft	055530502		1
62	50 - 75	Support- Motor	056079901		1
65	3- 20	Actuator- 120V ACT1	059999801 [1]	1	
	25 - 60	Actuator- 120V ACT1	059999802 [2]	1	
	7.5 - 15	Actuator- 120V ACT1	059999801 [1]		1
	20 - 40	Actuator- 120V ACT1	059999802 [2]		1
	50 - 75	Actuator- 120V ACT1	059999803 [3]		1
66	All	Crank Arm	032279200	1	
	7.5 - 40	Crank Arm	032279200		1
	50 - 75	Crank Arm	031771800		1
67	All	Ball Joint	000887000	2	
	All	Ball Joint	027671100		1
68	All	Ball Joint	034256500		1
69	All	Turnbuckle	032851100		1

[1] Prior to 1/98 actuator p/n was 031771701.
[2] Prior to 1/98 actuator p/n was 031771702.
[3] Prior to 1/98 actuator p/n was 031771600.

Section F- Supply Air Section
Fan Mounts- 33" Forward Curved Fan
Code 31= 33F1, 33F2, 33F3, 33M1, 33M2, 33M3
Until 11/04

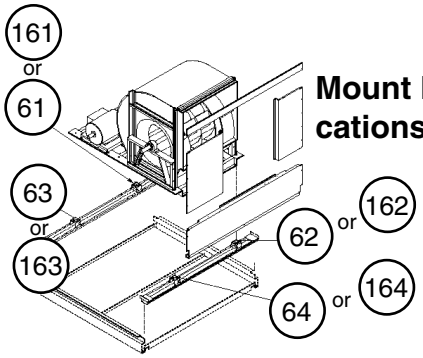


Rubber Mounts

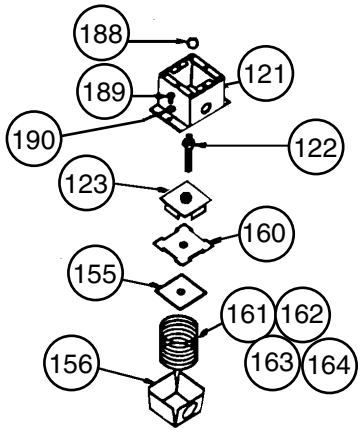
Rubber Mounts (Code 31= 33F1 or 33M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 50	Rubber Mount- Red	021639701	1
62	5 - 40	Rubber Mount- Black	021639704	1
	50	Rubber Mount- Red	021639701	1
63	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 25, 50	Rubber Mount- Red	021639701	1
	30, 40	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



Mount Locations

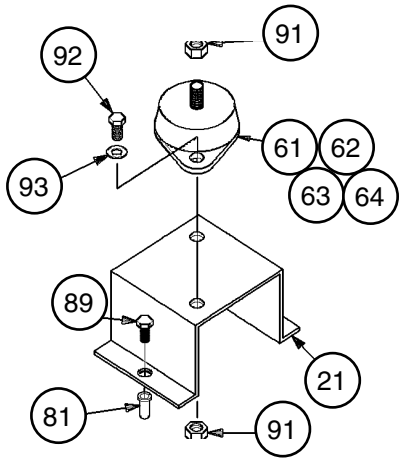


Spring Mounts

Spring Mounts (Code 31= 33F2, 33F3, 33M2 or 33M3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5 - 10	Mount- Spring, Black	048448502	1
	15 - 50	Mount- Spring, Red	048448503	1
162	All	Mount- Spring, Black	048448502	1
163	5	Mount- Spring, Black	048448502	1
	7.5 - 25	Mount- Spring, Red	048448503	1
	30 - 50	Mount- Spring, Green	048448504	1
164	5-10, 40, 50	Mount- Spring, Red	048448503	1
	15 - 30	Mount- Spring, Black	048448502	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

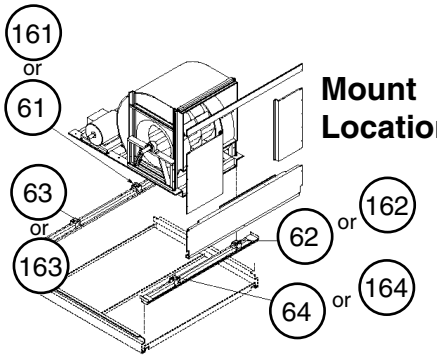
Section F- Supply Air Section
Fan Mounts- 33" Forward Curved Fan
Code 31= 33F1, 33F2, 33F3, 33M1, 33M2, 33M3
11/04 & Later



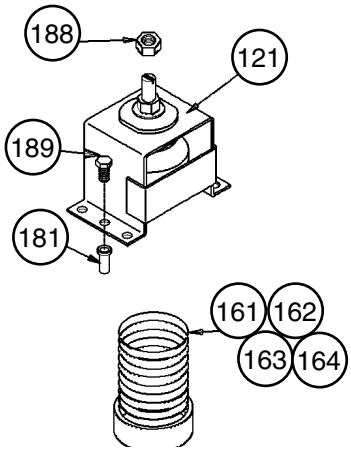
Rubber Mounts

Rubber Mounts (Code 31= 33F1 or 33M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 50	Rubber Mount- Red	021639701	1
62	5 - 40	Rubber Mount- Black	021639704	1
	50	Rubber Mount- Red	021639701	1
63	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 25, 50	Rubber Mount- Red	021639701	1
	30, 40	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations

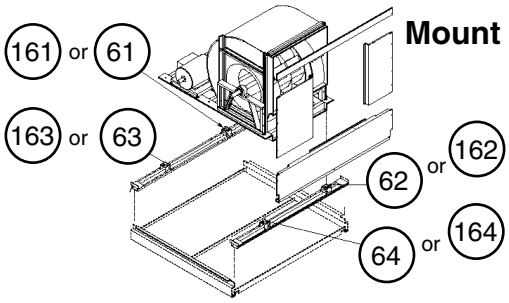


Spring Mounts

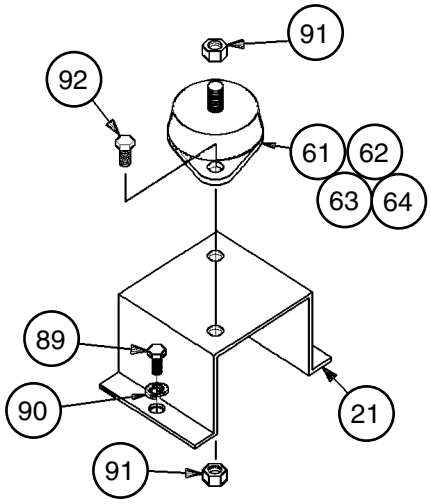
Spring Mounts (Code 31= 33F2 or 33M2) and Seismic Spring (Code 31= 33F3 or 33M3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 33*2)	251783201	4
		Seismic (C31= 33*3)	251783301	4
161	5, 7.5	Spring Mount- Purple	251784701	1
	10 - 30	Spring Mount- Brown	251784801	1
	40, 50	Spring Mount- Red	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	5, 7.5	Spring Mount- Brown	251784801	1
	10 - 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
164	5 - 20	Spring Mount- Red	251784901	1
	25 - 50	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 33*2)	059992201	12
		Seismic (C31= 33*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 33*2)	112047201	12
		Seismic (C31= 33*3)	112047201	20

Section F- Supply Air Section
Fan Mounts- 36" Forward Curved Fan
Code 31= 36F1, 36F2, 36F3, 36M1, 36M2, 36M3
Until 11/04



Mount Locations

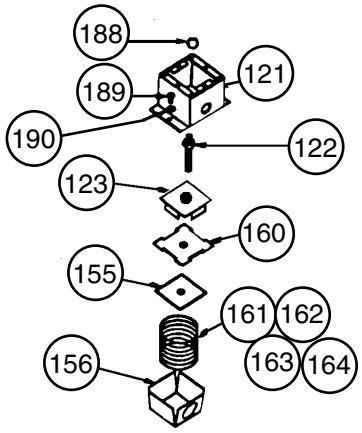


Rubber Mounts

Rubber Mounts (Code 31= 36F1 or 36M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



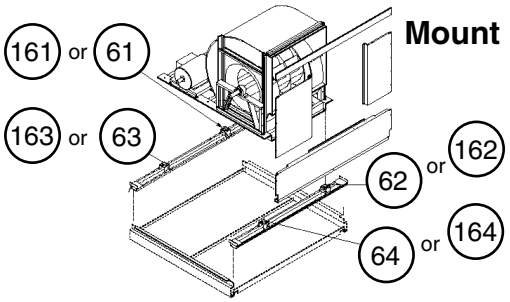
Spring Mounts

Spring Mounts (Code 31= 36F2, 36F3, 36M2 or 36M3)

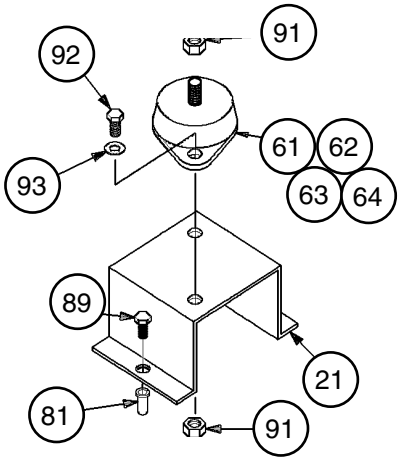
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10	Mount- Spring, Black	048448502	1
	15 - 75	Mount- Spring, Red	048448503	1
162	10	Mount- Spring, Red	048448503	1
	15 - 75	Mount- Spring, Black	048448502	1
163	10 - 20	Mount- Spring, Red	048448503	1
	25 - 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 36" Forward Curved Fan
Code 31= 36F1, 36F2, 36F3, 36M1, 36M2, 36M3
11/04 & Later



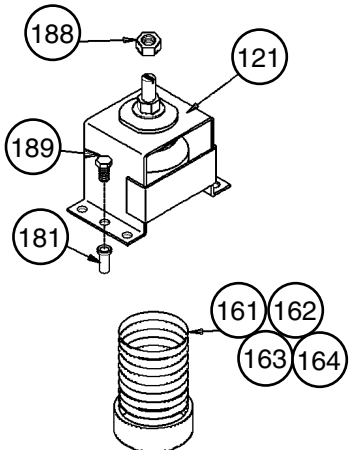
Mount Locations



Rubber Mounts

Rubber Mounts (Code 31= 36F1 or 36M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8

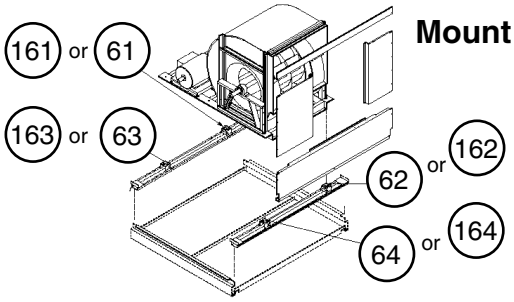


Spring Mounts

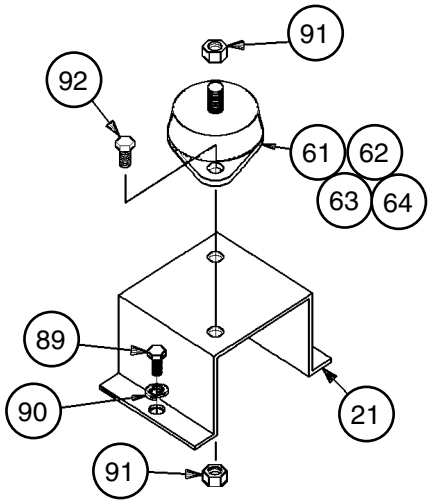
Spring Mounts (Code 31= 36F2 or 36M2) and Seismic Spring (Code 31= 36F3 or 36M3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 36*2)	251783201	4
		Seismic (C31= 36*3)	251783301	4
161	10 - 20	Spring Mount- Brown	251784801	1
	25 - 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10 - 20	Spring Mount- Red	251784901	1
	25 - 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785001	1
164	10	Spring Mount- Red	251784901	1
	15 - 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 36*2)	059992201	12
		Seismic (C31= 36*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 36*2)	112047201	12
		Seismic (C31= 36*3)	112047201	20

Section F- Supply Air Section
Fan Mounts- 40” Forward Curved Fan
Code 31= 40F1, 40F2, 40F3, 40M1, 40M2, 40M3
Until 11/04



Mount Locations

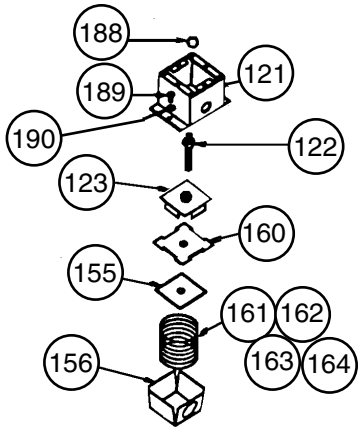


Rubber Mounts

Rubber Mounts (Code 31= 40F1 or 40M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1”	048878118	8
90	All	Washer- Lock, 3/8”	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1”	040499501	8

[1] Prior to 5/02 p/n was 055512101.



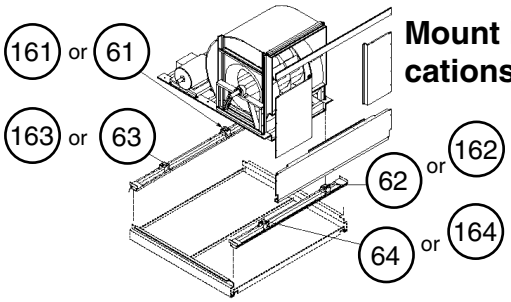
Spring Mounts

Spring Mounts (Code 31= 40F2, 40F3, 40M2 or 40M3)

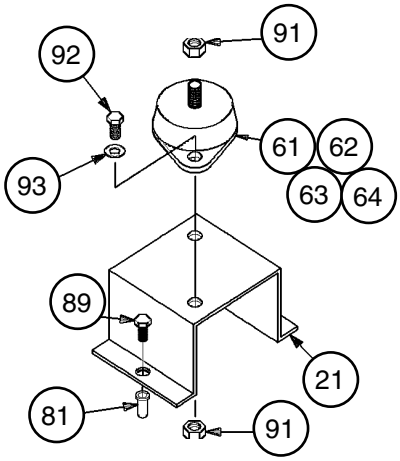
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	All	Mount- Spring, Red	048448503	1
162	10 - 25	Mount- Spring, Red	048448503	1
	30 - 75	Mount- Spring, Black	048448502	1
163	10 - 20	Mount- Spring, Red	048448503	1
	25 - 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1”	048878118	12
190	All	Washer- Lock, 3/8”	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 40" Forward Curved Fan
Code 31= 40F1, 40F2, 40F3, 40M1, 40M2, 40M3
11/04 & Later



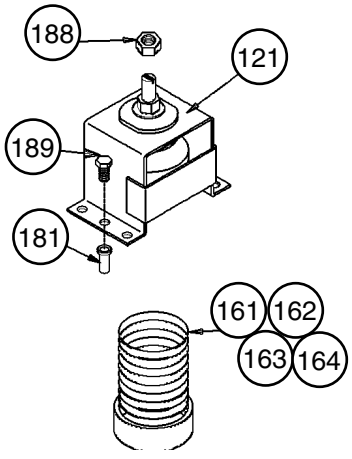
Mount Locations



Rubber Mounts

Rubber Mounts (Code 31= 40F1 or 40M1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



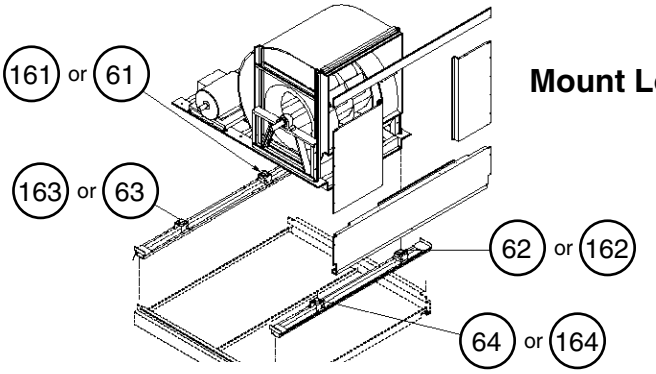
Spring Mounts

Spring Mounts (Code 31= 40F2 or 40M2) and Seismic Spring (Code 31= 40F3 or 40M3)

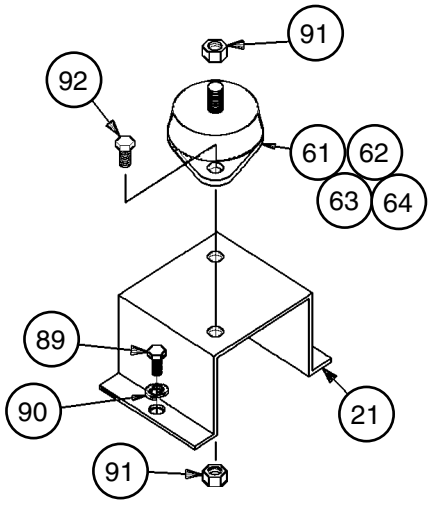
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 40*2)	251783201	4
		Seismic (C31= 40*3)	251783301	4
161	10, 15	Spring Mount- Brown	251784801	1
	20 - 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red	251785001	1
162	10 - 20	Spring Mount- Red	251784901	1
	25 - 75	Spring Mount- Brown	251784801	1
163	10, 15	Spring Mount- Red	251784901	1
	20 - 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785001	1
164	All	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 40*2)	059992201	12
		Seismic (C31= 40*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 40*2)	112047201	12
		Seismic (C31= 40*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 33" Airfoil Double Width Fan
Code 31= 33A1, 33A2, 33A3, 33V1, 33V2, 33V3
Until 11/04



Mount Locations

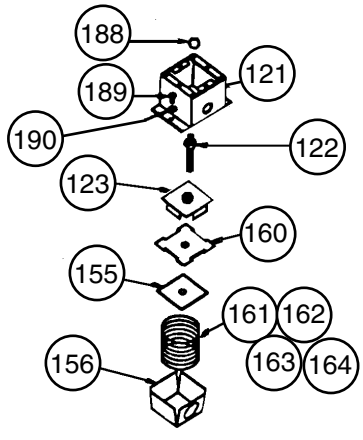


Rubber Mounts

Rubber Mounts (Code 31= 33A1 or 33V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 50	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Black	021639704	1
63	5 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
64	5 - 25	Rubber Mount- Black	021639704	1
	30 - 50	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



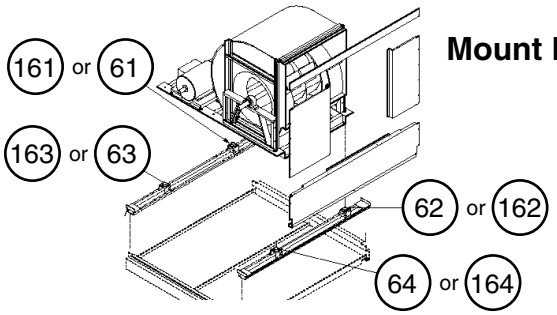
Spring Mounts

Spring Mounts (Code 31= 33A2, 33A3, 33V2 or 33V3)

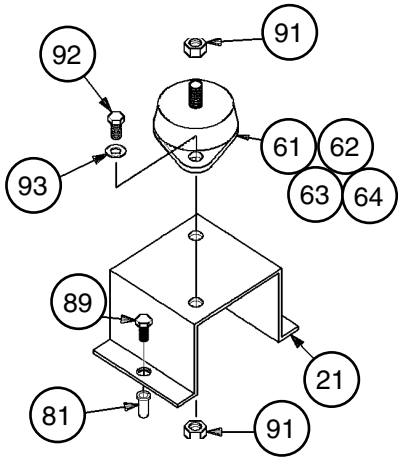
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	5 - 10	Mount- Spring, Black	048448502	1
	15,20,40,50	Mount- Spring, Red	048448503	1
	25, 30	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Black	048448502	1
163	5	Mount- Spring, Black	048448502	1
	7.5 - 20	Mount- Spring, Red	048448503	1
	25 - 50	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Black	048448502	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 33" Airfoil Double Width Fan
Code 31= 33A1, 33A2, 33A3, 33V1, 33V2, 33V3
11/04 & Later



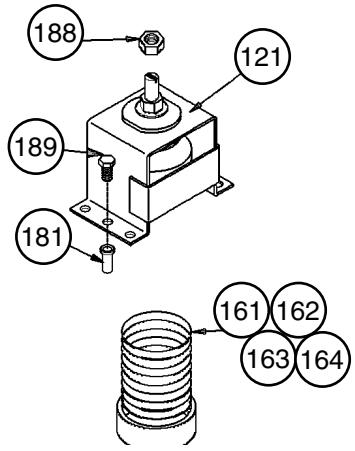
Mount Locations



Rubber Mounts

Rubber Mounts (Code 31= 33A1 or 33V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	5, 7.5	Rubber Mount- Black	021639704	1
	10 - 50	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Black	021639704	1
63	5 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
64	5 - 25	Rubber Mount- Black	021639704	1
	30 - 50	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



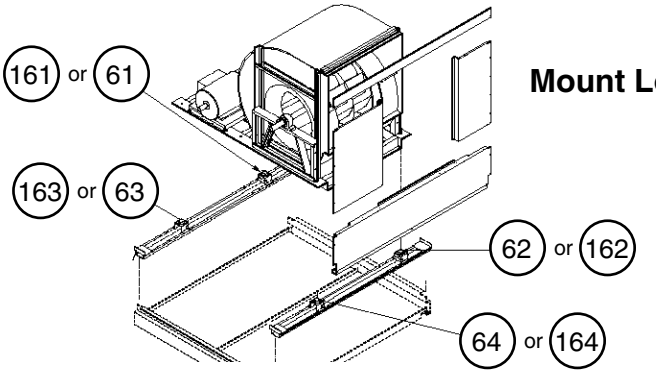
Spring Mounts

Spring Mounts (Code 31= 33A2 or 33V2) and Seismic Spring (Code 31= 33A3 or 33V3)

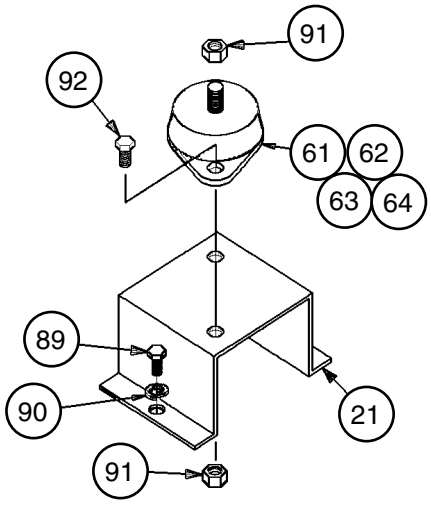
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 33*2)	251783201	4
		Seismic (C31= 33*3)	251783301	4
161	5 , 7.5	Spring Mount- Purple	251784701	1
	10 - 30	Spring Mount- Brown	251784801	1
	40, 50	Spring Mount- Red	251784901	1
162	All	Spring Mount- Brown	251784801	1
163	5, 7.5	Spring Mount- Brown	251784801	1
	10 - 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C31= 33*2)	059992201	12
		Seismic (C31= 33*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 33*2)	112047201	12
		Seismic (C31= 33*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 36" Airfoil Double Width Fan
Code 31= 36A1, 36A2, 36A3, 36V1, 36V2, 36V3
Until 11/04



Mount Locations

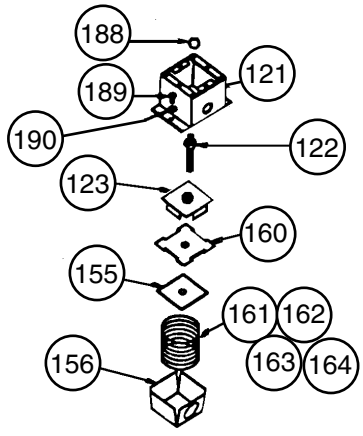


Rubber Mounts

Rubber Mounts (Code 31= 36A1 or 36V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	10, 30 - 50	Rubber Mount- Red	021639701	1
	20, 60, 75	Rubber Mount- Black	021639704	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



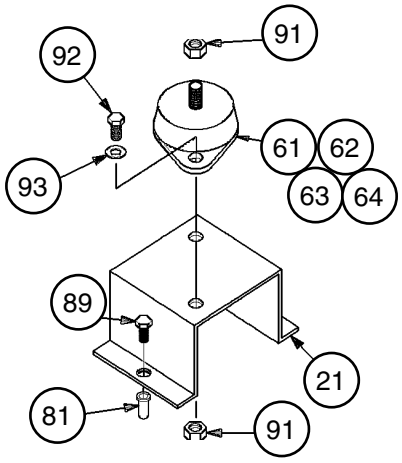
Spring Mounts

Spring Mounts (Code 31= 36A2, 36A3, 36V2 or 36V3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10 - 60	Mount- Spring, Red	048448503	1
	75	Mount- Spring, Green	048448504	1
162	10	Mount- Spring, Red	048448503	1
	15 - 60	Mount- Spring, Black	048448502	1
	75	Mount- Spring, Blue	048448501	1
163	10 - 20	Mount- Spring, Red	048448503	1
	25 - 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

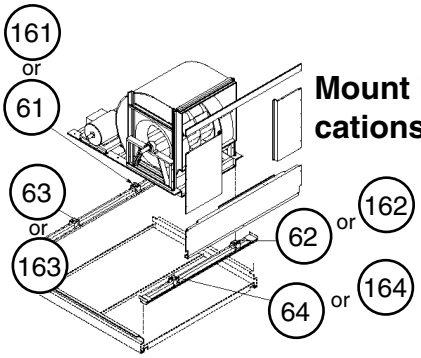
Fan Mounts- 36" Airfoil Double Width Fan
Code 31= 36A1, 36A2, 36A3, 36V1, 36V2, 36V3
11/04 & Later



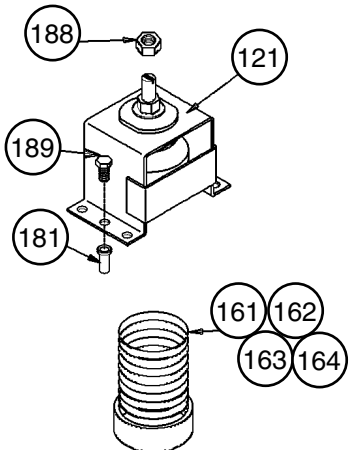
Rubber Mounts

Rubber Mounts (Code 31= 36A1 or 36V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	10, 30 - 50	Rubber Mount- Red	021639701	1
	20, 60, 75	Rubber Mount- Black	021639704	1
63	10 - 25	Rubber Mount- Red	021639701	1
	30 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations



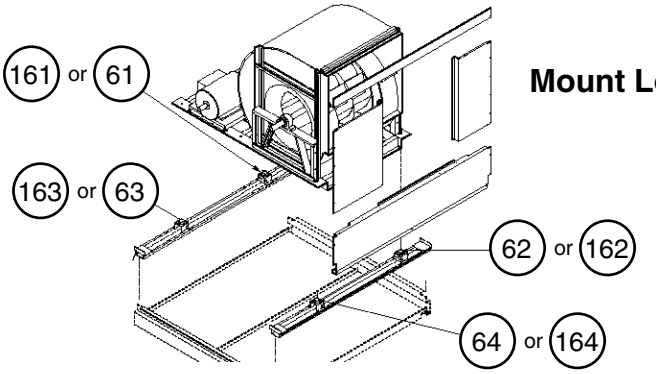
Spring Mounts

Spring Mounts (Code 31= 36A2 or 36V2) and Seismic Spring (Code 31= 36A3 or 36V3)

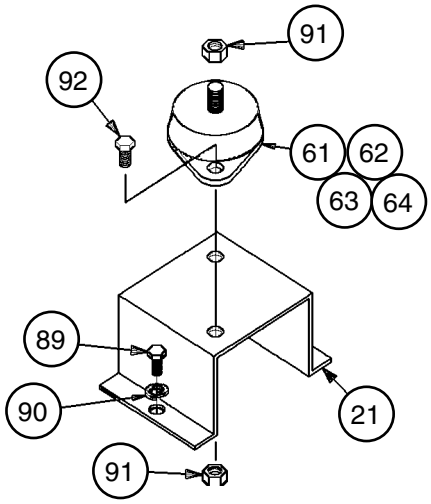
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 36*2)	251783201	4
		Seismic (C31= 36*3)	251783301	4
161	10 , 15	Spring Mount- Brown	251784801	1
	20 - 50	Spring Mount- Red	251784901	1
	60, 75	Spring Mount- Red/Black	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10, 15	Spring Mount- Red	251784901	1
	20 - 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785101	1
164	10 - 20	Spring Mount- Red	251784901	1
	25 - 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 36*2)	059992201	12
		Seismic (C31= 36*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 36*2)	112047201	12
		Seismic (C31= 36*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 40” Airfoil Double Width Fan
Code 31= 40A1, 40A2, 40A3, 40V1, 40V2, 40V3
Until 11/04



Mount Locations

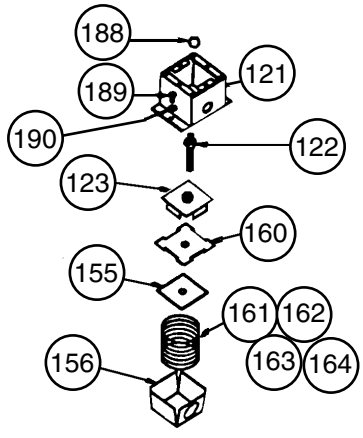


Rubber Mounts

Rubber Mounts (Code 31= 40A1 or 40V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	10 - 50	Rubber Mount- Red	021639701	1
	60, 75	Rubber Mount- Green	021639703	1
62	10 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Black	021639704	1
63	10, 15	Rubber Mount- Red	021639701	1
	20 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1”	048878118	8
90	All	Washer- Lock, 3/8”	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1”	040499501	8

[1] Prior to 5/02 p/n was 055512101.

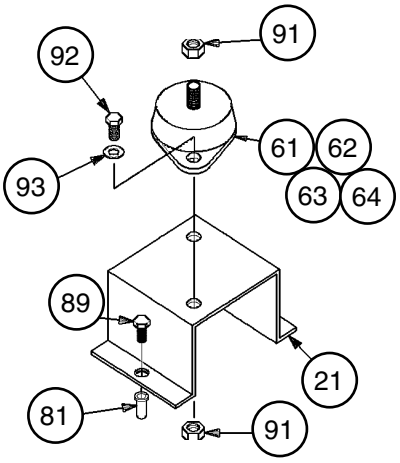


Spring Mounts

Spring Mounts (Code 31= 40A2, 40A3, 40V2 or 40V3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	10 - 50	Mount- Spring, Red	048448503	1
	60, 75	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Black	048448502	1
163	10, 15	Mount- Spring, Red	048448503	1
	20 - 75	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1”	048878118	12
190	All	Washer- Lock, 3/8”	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

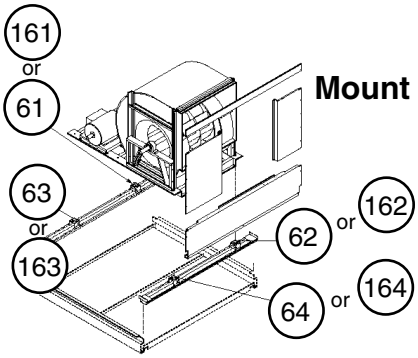
Section F- Supply Air Section
Fan Mounts- 40" Airfoil Double Width Fan
Code 31= 40A1, 40A2, 40A3, 40V1, 40V2, 40V3
11/04 & Later



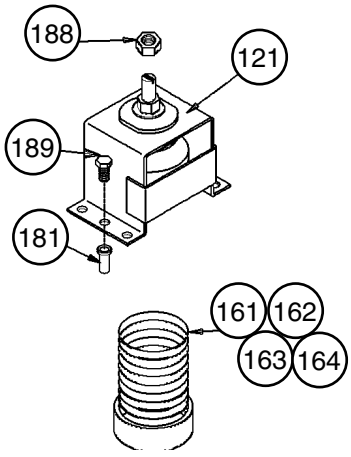
Rubber Mounts

Rubber Mounts (Code 31= 40A1 or 40V1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	10 - 50	Rubber Mount- Red	021639701	1
	60, 75	Rubber Mount- Green	021639703	1
62	10 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Black	021639704	1
63	10, 15	Rubber Mount- Red	021639701	1
	20 - 50	Rubber Mount- Green	021639703	1
	60, 75	Rubber Mount- Gray	021639705	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Mount Locations



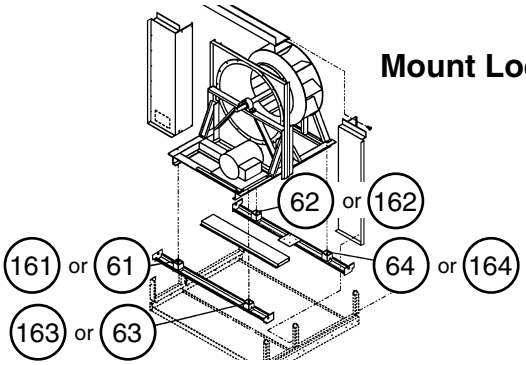
Spring Mounts

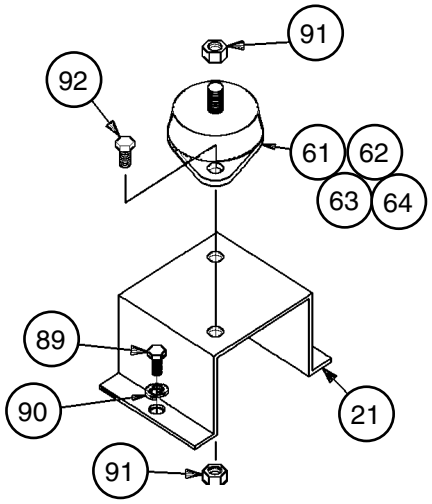
Spring Mounts (Code 31= 40A2 or 40V2) and Seismic Spring (Code 31= 40A3 or 40V3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 40*2)	251783201	4
		Seismic (C31= 40*3)	251783301	4
161	10	Spring Mount- Brown	251784801	1
	15 - 30	Spring Mount- Red	251784901	1
	40 - 75	Spring Mount- Red/Black	251785001	1
162	All	Spring Mount- Brown	251784801	1
163	10	Spring Mount- Red	251784901	1
	15 - 30	Spring Mount- Red/Black	251785001	1
	40 - 75	Spring Mount- Red/Green	251785101	1
164	10 - 20	Spring Mount- Red	251784901	1
	25 - 75	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 40*2)	059992201	12
		Seismic (C31= 40*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 40*2)	112047201	12
		Seismic (C31= 40*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 44" AFSW- Draw-Thru/No Heat Units
Code 31= 44B1, 44B2, 44B3, 44W1, 44W2, 44W3
Until 11/04



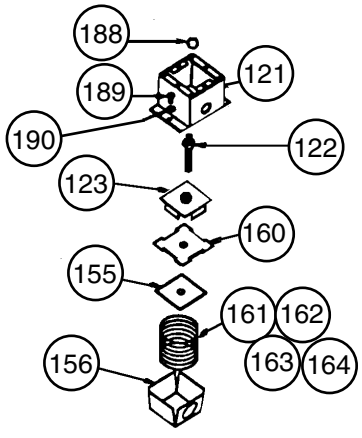


Rubber Mounts

Rubber Mounts (Code 31= 44B1 or 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	7.5 - 25	Rubber Mount- Black	021639704	1
	30 - 60	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5, 10	Rubber Mount- Black	021639704	1
	15 - 50	Rubber Mount- Red	021639701	1
	60	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



Spring Mounts

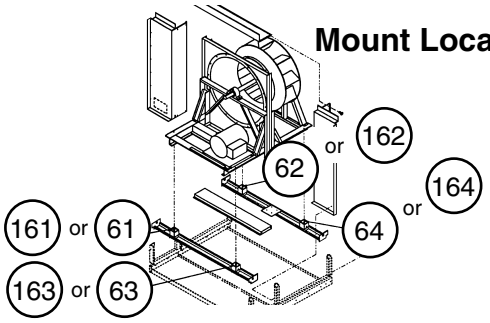
Spring Mounts (Code 31= 44B2, 44B3, 44W2 or 44W3)

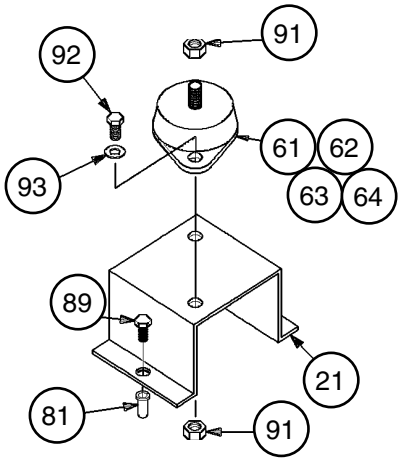
Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	7.5 - 40	Mount- Spring, Black	048448502	1
	50, 60	Mount- Spring, Red	048448503	1
162	7.5 - 30	Mount- Spring, Red	048448503	1
	40 - 60	Mount- Spring, Black	048448502	1
163	7.5 - 20	Mount- Spring, Black	048448502	1
	25 - 50	Mount- Spring, Red	048448503	1
	60	Mount- Spring, Green	048448504	1
164	All	Mount- Spring, Red	048448503	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 44" AFSW- Draw-Thru/No Heat Units
Code 31= 44B1, 44B2, 44B3, 44W1, 44W2, 44W3
11/04 & Later

Mount Locations

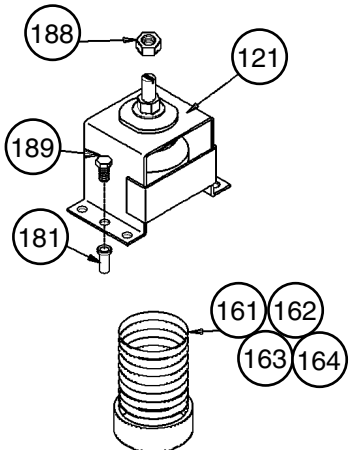




Rubber Mounts

Rubber Mounts (Code 31= 44B1 or 44W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	7.5 - 25	Rubber Mount- Black	021639704	1
	30 - 60	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5, 10	Rubber Mount- Black	021639704	1
	15 - 50	Rubber Mount- Red	021639701	1
	60	Rubber Mount- Green	021639703	1
64	All	Rubber Mount- Red	021639701	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



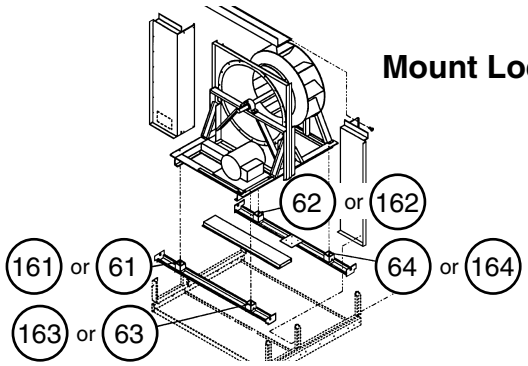
Spring Mounts

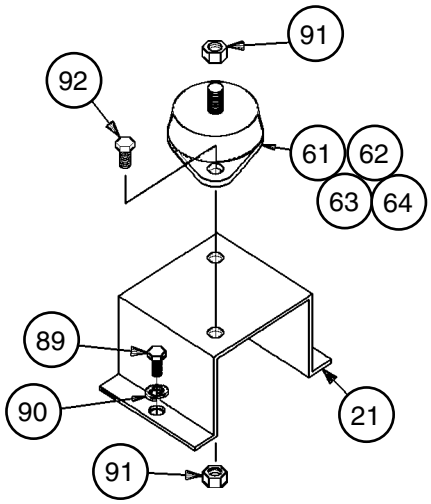
Spring Mounts (Code 31= 44B2 or 44W2) and Seismic Spring (Code 31= 44B3 or 44W3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 44*2)	251783201	4
		Seismic (C31= 44*3)	251783301	4
161	7.5 - 20	Spring Mount- Purple	251784701	1
	25 - 50	Spring Mount- Brown	251784801	1
	60	Spring Mount- Red	251784901	1
162	All	Spring Mount- Brown	251784801	1
163	7.5 - 25	Spring Mount- Brown	251784801	1
	30 - 50	Spring Mount- Red	251784901	1
	60	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red	251784901	1
181	All	Nut		
		Spring (C31= 44*2)	059992201	12
		Seismic (C31= 44*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 44*2)	112047201	12
		Seismic (C31= 44*3)	112047201	20

Section F- Supply Air Section

Fan Mounts- 49" AFSW- Draw-Thru/No Heat Units
Code 31= 49B1, 49B2, 49B3, 49W1, 49W2, 49W3
Until 11/04



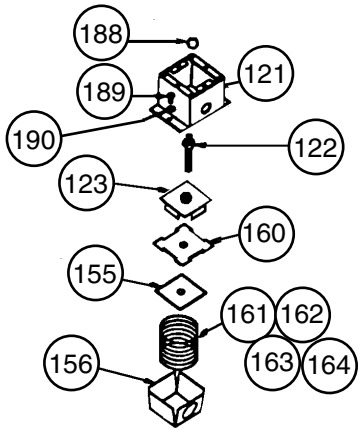


Rubber Mounts

Rubber Mounts (Code 31= 49B1 or 49W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support [1]	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Green	021639703	1
64	7.5 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Green	021639703	1
89	All	Screw- Cap, 3/8-16 X 1"	048878118	8
90	All	Washer- Lock, 3/8"	048164812	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8

[1] Prior to 5/02 p/n was 055512101.



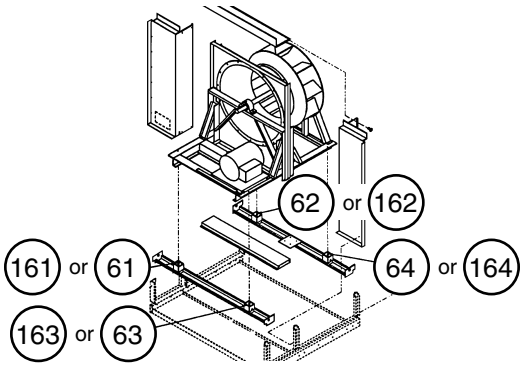
Spring Mounts

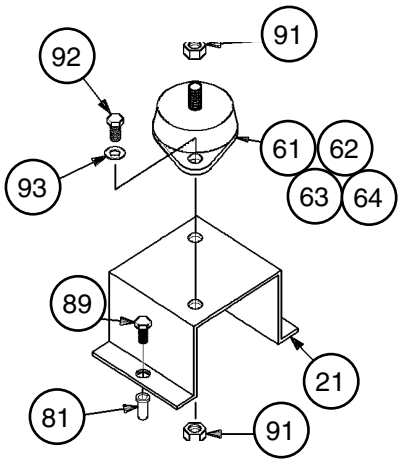
Spring Mounts (Code 31= 49B2, 49B3, 49W2 or 49W3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Support Assembly	055606901	4
122	All	Screw Adjust Assembly	055528201	4
123	All	Channel Assembly	055606801	4
155	All	Plate- Gasket Retainer	055502101	4
156	All	Support- Spring Locator	055502201	4
160	All	Pad- Rubber Vibration	048447901	4
161	7.5 - 60	Mount- Spring, Red	048448503	1
	75	Mount- Spring, Green	048448504	1
162	All	Mount- Spring, Red	048448503	1
163	7.5 - 30	Mount- Spring, Red	048448503	1
	40 - 75	Mount- Spring, Green	048448504	1
164	7.5	Mount- Spring, Red	048448503	1
	10 - 75	Mount- Spring, Green	048448504	1
188	All	Nut- 5/8-11	040500002	4
189	All	Screw- Cap, 3/8-16 X 1"	048878118	12
190	All	Washer- Lock, 3/8"	048164812	8
N/S	All	Screw- Tapping, 1/4-20	046093809	8

Section F- Supply Air Section

Fan Mounts- 49" AFSW- Draw-Thru/No Heat Units
Code 31= 49B1, 49B2, 49B3, 49W1, 49W2, 49W3
11/04 & Later

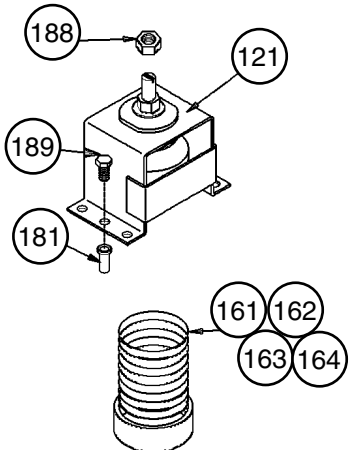




Rubber Mounts

Rubber Mounts (Code 31= 49B1 or 49W1)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
21	All	Channel- Mount Support	098316001	4
61	All	Rubber Mount- Red	021639701	1
62	All	Rubber Mount- Red	021639701	1
63	7.5 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Green	021639703	1
64	7.5 - 30	Rubber Mount- Red	021639701	1
	40 - 75	Rubber Mount- Green	021639703	1
81	All	Nut	059992201	8
89	All	Screw	112047201	8
91	All	Nut- 1/2-13	032333305	12
92	All	Screw- Cap, 1/2-13 X 1"	040499501	8
93	All	Washer- Plain, 1/2"	048164812	8



Spring Mounts

Spring Mounts (Code 31= 49B2 or 49W2) and Seismic Spring (Code 31= 49B3 or 49W3)

Ref. No.	Fan Motor HP	Part Description	Part Number	Qty.
121	All	Mount		
		Spring (C31= 44*2)	251783201	4
		Seismic (C31= 44*3)	251783301	4
161	7.5 - 30	Spring Mount- Red	251784901	1
	40, 50	Spring Mount- Red/Black	251785001	1
	60, 75	Spring Mount- Red/Green	251785101	1
162	All	Spring Mount- Red/Black	251785001	1
163	7.5 - 20	Spring Mount- Red	251784901	1
	25 - 75	Spring Mount- Red/Black	251785001	1
164	All	Spring Mount- Red/Black	251785001	1
181	All	Nut		
		Spring (C31= 44*2)	059992201	12
		Seismic (C31= 44*3)	111056301	20
188	All	Nut	040500002	4
189	All	Screw		
		Spring (C31= 44*2)	112047201	12
		Seismic (C31= 44*3)	112047201	20

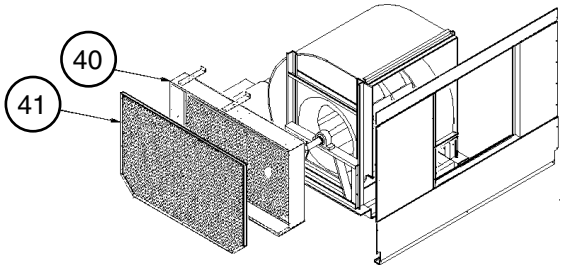
Section F- Supply Air Section
Supply Air Fan Motors

All motors listed below are Across-The-Line start (C10= AL or PW). There are some units that have Part-Winding start motors (C10= PP or PS). These units have motors 15HP and greater and are 208V or 230V only. Contact Daikin McQuay Parts if a PW replacement motor is needed.

H.P.	Unit Voltage	ODP C32= *AY	ODP HiEff C32= *EY	ODP PrEff. C32= *JY	TEFC C32= *GY	TEFC HiEff C32= *HY	TEFC PrEff C32= *KY
	C09= 12						
5	208/60/3	020521000	039447600	065817200	025435800	049186800	065819500
7.5	208/60/3	020524800	037530300	065817300	024581000	047665900	065819600
10	208/60/3	021486000	038999000	065817400	025436900	047666100	065819700
15	208/60/3	049100600	039896200	065817500	049100700	049186900	065819800
20	208/60/3	049101200	039895800	065817600	049101300	049187000	065819900
25	208/60/3	034243300	039448900	065817700	049100900	049187100	065820000
30	208/60/3	049101500	041775200	205066500	049101600	049187200	205066800
40	208/60/3	030389500	041775300	205067100	049101900	049187300	205070700
50	208/60/3	049102200	041775400	205067500	049102300	049187400	205091600
60	208/60/3	049102600	041775800	205067700	048443300	049187500	
75	208/60/3	049189900	041775700	205069100	049103100	049187600	
	C09= 29						
5	230/60/3	019664800	039442500	065818200	020520600	040161200	065820200
7.5	230/60/3	019855100	039448700	065818300	020522100	049100500	065820300
10	230/60/3	017859600	039446500	065818400	024211500	044691100	065820400
15	230/60/3	023256100	039446600	065818500	026215800	038689700	065820500
20	230/60/3	022772100	039448800	065818600	031314500	040161300	065820600
25	230/60/3	029863500	039896100	065818700	032242500	040161400	065820700
30	230/60/3	040626800	040626800	205066600	032243100	049025300	205066900
40	230/60/3	041770000	041770000	205067200	048448000	048448000	205069200
50	230/60/3	039899200	039899200	205067600	040161600	040161600	205069400
60	230/60/3	041775500	041775500	065819100	046748300	046748300	205069600
75	230/60/3	041775600	041775600	205070300	031327700	049187800	205069900
	C09= 27						
5	460/60/3	019664800	039442500	065818200	020520600	040161200	065820200
7.5	460/60/3	019855100	039448700	065818300	020522100	049100500	065820300
10	460/60/3	017859600	039446500	065818400	024211500	044691100	065820400
15	460/60/3	023256100	039446600	065818500	026215800	038689700	065820500
20	460/60/3	022772100	039448800	065818600	031314500	040161300	065820600
25	460/60/3	029863500	039896100	065818700	032242500	040161400	065820700
30	460/60/3	040626800	040626800	205066600	032243100	049025300	205066900
40	460/60/3	041770000	041770000	205067200	048448000	048448000	205069200
50	460/60/3	039899200	039899200	205067600	040161600	040161600	205069400
60	460/60/3	041775500	041775500	065819100	046748300	046748300	205069600
75	460/60/3	041775600	041775600	205070300	031327700	049187800	205069900
	C09= 37						
5	575/60/3	046741800	046741900	205168900	048169900	049188400	046514600
7.5	575/60/3	046744400	047443300	205168800	040160100	049188500	046514700
10	575/60/3	031326700	047443400	205168600	049763700	049188600	065821400
15	575/60/3	046744500	047443500	205166600	046749000	049185200	065821500
20	575/60/3	046744600	049181100	205166800	049186200	049188700	065821600
25	575/60/3	047133700	049181200	205166900	049186300	049188800	065821700
30	575/60/3	047137600	049181300	205066700	049126100	049188900	205067000
40	575/60/3	047138000	049181400	205067300	049186400	049189000	205069300
50	575/60/3	047133800	049181500	205091800	049126200	049189100	205069500
60	575/60/3	046747600	049181600	205069000	049186500	049189200	205069800
75	575/60/3	049181700	049181800	205070400	049186600	049189300	205070000

Section F- Supply Air Section
Belt Guard
Code 49= A, C, D or F

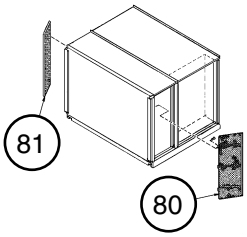
Air Foil Double Width (AFDW) or Forward Curved Fans (FCLP or FCMP)



Ref. No.	Part Description	Part Number	Fan Size 33”	36”	40”
40	Grille Assembly	055606004	1		
	Grille Assembly	055606005		1	
	Grille Assembly	055606006			1
41	Belt Guard Assembly	055606014	1		
	Belt Guard Assembly	055606015		1	
	Belt Guard Assembly	055606016			1

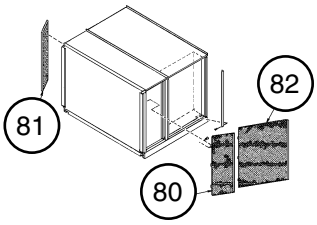
Air Foil Single Width (AFSW) with Side Discharge (C40= H), Main Control Box (C08= S or F)

The main control box is mounted in this section on RAH units with no blow-thru section (the supply air section is the end of the unit).



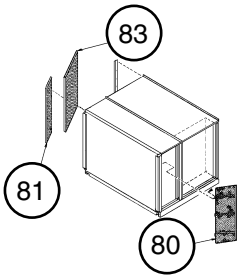
Air Foil Single Width (AFSW) with Side Discharge (C40= S), No Control Box (C08= P or D)

RAH units with Blow-Thru.



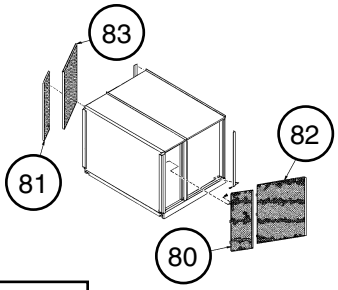
Air Foil Single Width (AFSW) with Bottom Discharge (C40= G), Main Control Box (C08= S or F)

The main control box is mounted in this section on RAH units with no blow-thru section (the supply air section is the end of the unit).



Air Foil Single Width (AFSW) with Bottom Discharge (C40= B), No Control Box (C08= P or D or Y)

RAH units with Blow-Thru.

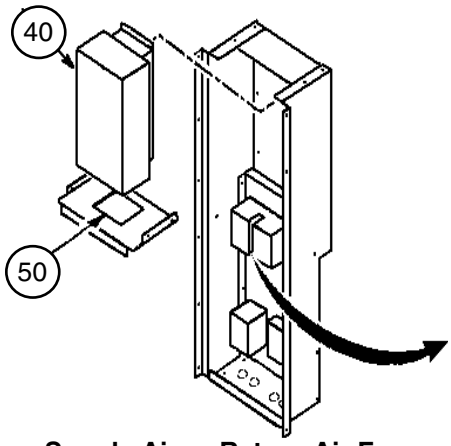


Ref. No.	Part Description	Part Number	Fan Size 44”	49”
80	Grille Assy	056259211	1	
	Grille Assy	056259221		1
81	Grille Assy	056259212	1	
	Grille Assy	056259222		1
82	Grille Assy	056259213	1	1
83	Grille Assy	056259214	1	1

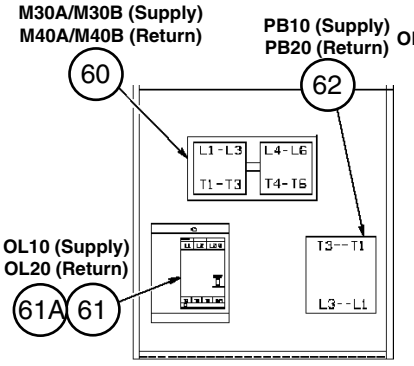
Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
Until 3/05 (Code 8= P)**
Motor HP 5 - 25 (Code 22 or Code 32= J, K L, M, N or P)

Inverters may be located in a separate section (Code 14= 1, 2 or 4, only inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8 or 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a return air or supply air inverter (both may be installed if code 14= 5). Even if Code 14= 8 or 9— where only a return air fan inverter is called for— the inverter and bypass controls are still installed in the Supply Air Section.

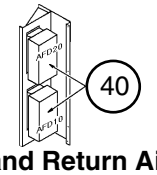
**** If unit was built between 10/04 and 3/05 visual inspection is required to confirm installed components.**



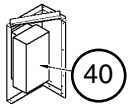
Supply Air or Return Air Fan Inverter w/ Bypass Control Box. (Code 14= 3, 5, 8)



Bypass Controls Detail



Supply Air and Return Air Fan Inverter without Bypass. (Code 14= 7)



Supply Air or Return Air Fan Inverter without Bypass. (Code 14= 6, 7, 9)

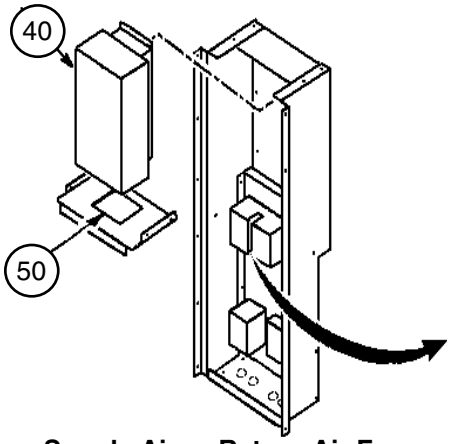
Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				5				7.5, 10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10,20	Inverter	12 pages after next																				
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	M30AB	Contactor	066814301	1	1	1	1			1	1												
	M40AB		066814303					1	1					1	1			1	1				
			066814304									1	1									1	1
			066814305														1						
			066814306													1					1		
			066814307																	1			
61	OL10, 20	Overload	[1]																				
61A		Heater- OL	[1]																				
62	PB10,20	Power Block	030372715	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	M10, 20	Contactor	[2]																				

[1] For part numbers for the OL10 or OL20 and associated heater see “Section N- Main Control Box Power Panel Until 3/05”.
[2] The inverter bypass box originally had a contactor (M10 or M20) installed. This was replaced with the Power Block. If a contactor is needed see “Section N- Main Control Box Power Panel Until 3/05” for part number(s).

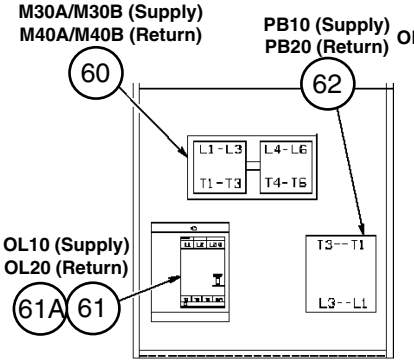
Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
Until 3/05 (Code 8= P)**
Motor HP 30 - 75 (Code 22 or Code 32= Q, R, S, T or U)

Inverters may be located in a separate section (Code 14= 1, 2 or 4, only inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8 or 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a return air or supply air inverter (both may be installed if code 14= 5). Even if Code 14= 8 or 9— where only a return air fan inverter is called for— the inverter and bypass controls are still installed in the Supply Air Section.

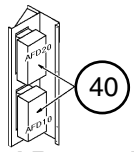
**** If unit was built between 10/04 and 3/05 visual inspection is required to confirm installed components.**



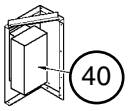
Supply Air or Return Air Fan Inverter w/ Bypass Control Box. (Code 14= 3, 5, 8)



Bypass Controls Detail



Supply Air and Return Air Fan Inverter without Bypass. (Code 14= 7)



Supply Air or Return Air Fan Inverter without Bypass. (Code 14= 6, 7, 9)

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower															
				30				40				50				60		75	
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	460V	575V	460V	575V
40	AFD10,20	Inverter	11 pages after next																
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1						
60	M30AB	Contactor	066814304			1	1												
	M40AB		066814306							1	1								
			066814307		1									1	1				
			066814308	1				1								1	1	1	1
61	OL10, 20	Overload	[1]																
61A		Heater- OL	[1]																
62	PB10,20	Power Block	030372715	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	M10, 20	Contactor	[2]																

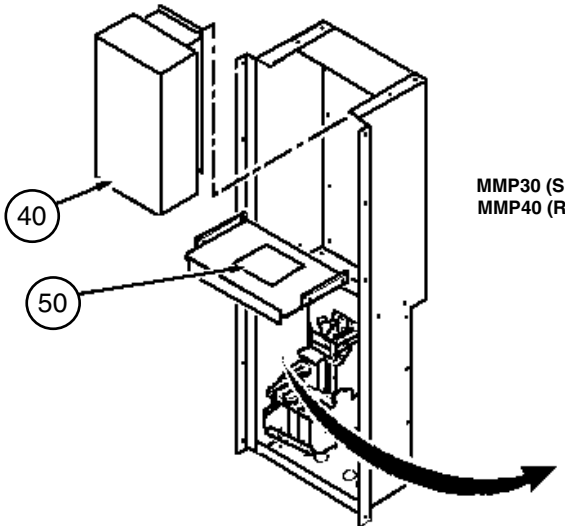
[1] For part numbers for the OL10 or OL20 and associated heater see “Section N- Main Control Box Power Panel Until 3/05”.

[2] The inverter bypass box originally had a contactor (M10 or M20) installed. This was replaced with the Power Block. If a contactor is needed see “Section N- Main Control Box Power Panel Until 3/05” for part number(s).

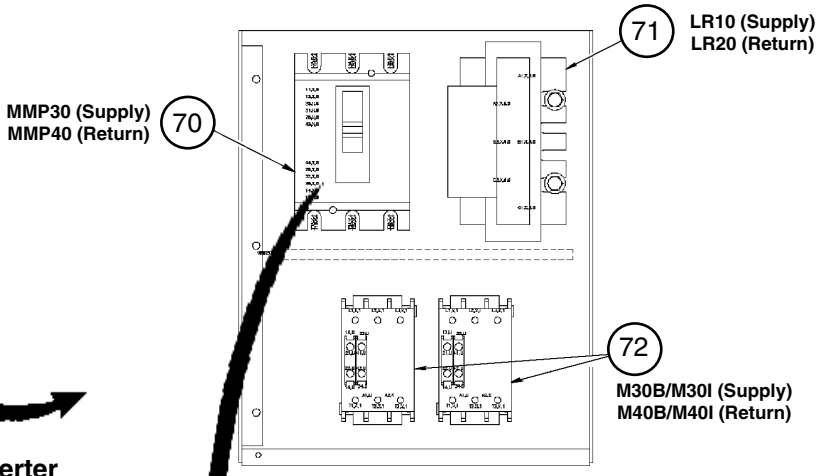
Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
3/05 to 10/06 (Code 8= D)**
Motor HP 5 (Code 22= J; or Code 32= J)
Diagrams

Inverters may be located in a separate section (Code 14= 1, 2 or 4, only inverters WITH bypass may be installed in a separate section), or the Supply Air Section (Code 14= 3, 5, 6, 7, 8 or 9). The inverter and bypass controls are the same regardless of the installation location, although the sheet metal components differ. The diagrams shown below apply to either a return air or supply air inverter (both may be installed if code 14= 5). Even if Code 14= 8 or 9— where only a return air fan inverter is called for— the inverter and bypass controls are still installed in the Supply Air Section.

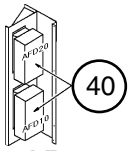
**** If unit was built between 10/04 & 3/05 or 10/06 & 12/06 visual inspection is required to confirm installed components.**



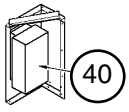
Supply Air or Return Air Fan Inverter with Bypass Control Box. (Code 14= 3, 5, 8) Two boxes installed if Code 14= 5



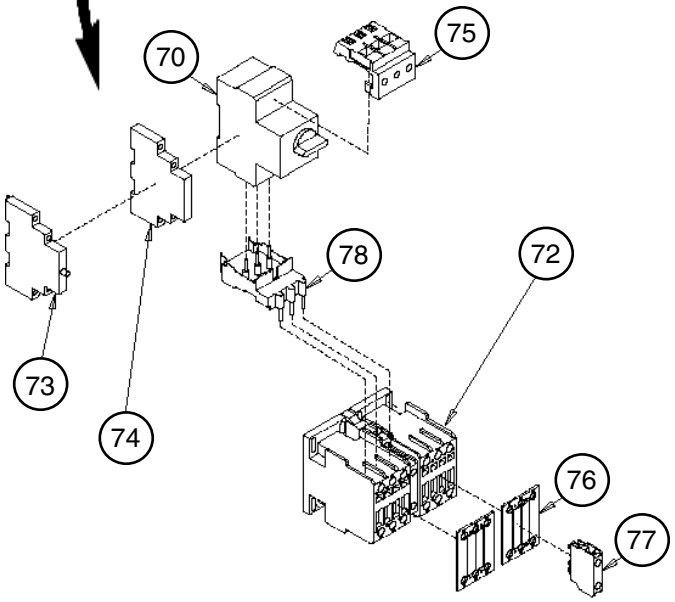
Bypass Controls Detail



Supply Air and Return Air Fan Inverter without Bypass. (Code 14= 7)



Supply Air or Return Air Fan Inverter without Bypass. (Code 14= 6, 7, 9)



MMP & Contactor Link Detail

Section F- Supply Air Section
Inverters & Inverter Bypass Control Box 3/05 to 10/06 (Code 8= D)** Motor HP 5 (Code 22= J; or Code 32= J) Components

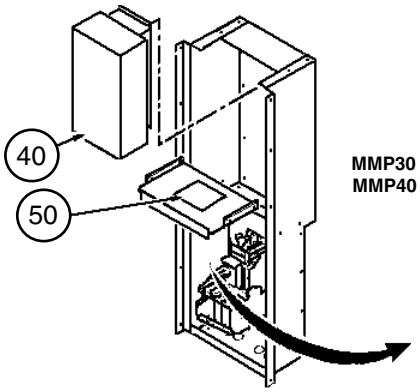
**** If unit was built between 10/04 & 3/05 or 10/06 & 12/06 visual inspection is required to confirm installed components.**

Ref No.	Sch. Sym.	Part Description	Part Number	Motor HP 5			
				208V	230V	460V	575V
40	AFD10,20	Inverter- see 9 pages after next					
50		Gasket	055940207	1	1	1	1
70	MMP30,40	Motor Control	349934009				1
			349934010			1	
			349934012	1	1		
71	LR10,20	Line Reactor-					
72	M30B,I	Contactor	349933102			1	1
	M40B,I		349933201		1		
			349933301	1			
73		Alarm- Short Circuit	349933903	1	1	1	1
74		Alarm/Aux. Contact	349933902	1	1	1	1
75		Line Shield	349933001	1	1	1	1
76		Cover- Contactor	349932801			2	2
			349932802		2		
			349932803	2			
77		Aux. Contact Block	N/A				
78		Link Module	349932902			1	1
			349932903		1		
			349932904	1			

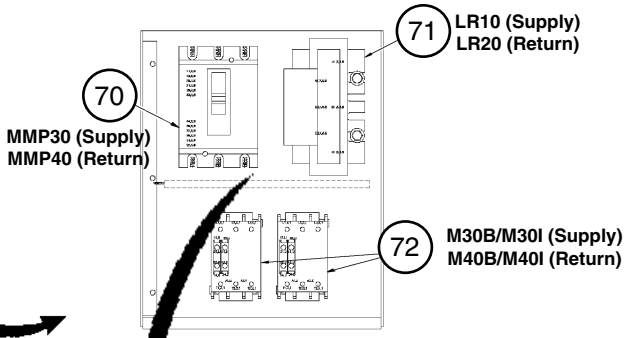
N/A= Not Applicable.

Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
3/05 to 10/06 (Code 8= D)**
Motor HP 7.5 - 25 (Code 22 or Code 32= K, L, M, N or P)
Diagrams

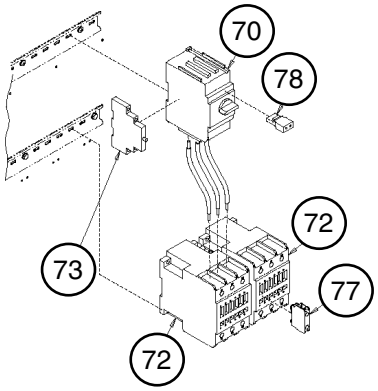
**** If unit was built between 10/04 & 3/05 or 10/06 & 12/06 visual inspection is required to confirm installed components.**



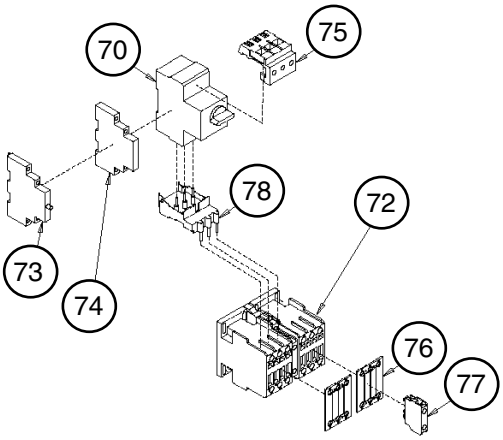
Supply Air or Return Air Fan Inverter w/Bypass Control Box.
(Code 14= 3, 5, 8)
Two boxes installed if C14= 5



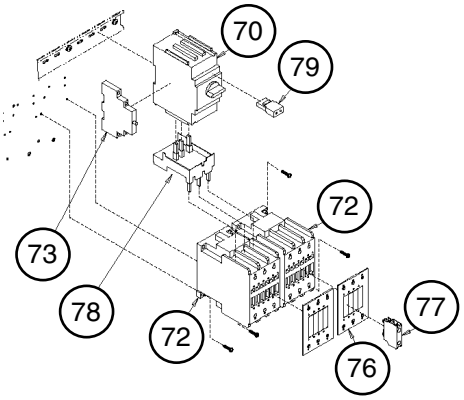
Bypass Controls Detail



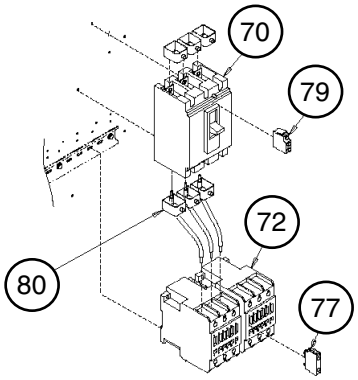
MMP & Contactor Link Detail
MMP p/n 349934109



MMP & Contactor Link Detail
MMP p/n 3499340xx



MMP & Contactor Link Detail
MMP p/n 349934105,06,07,08



MMP & Contactor Link Detail
MMP p/n 349938606

Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
3/05 to 10/06 (Code 8= D)**
Motor HP 7.5- 25 (Code 22 or Code 32= K, L, M, N or P)
Components

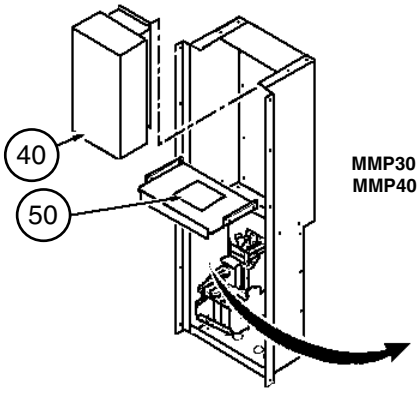
**** If unit was built between 10/04 & 3/05 or 10/06 & 12/06 visual inspection is required to confirm installed components.**

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				7.5				10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10,20	Inverter- see 7 pages after next																					
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70	MMP30,40	Motor Control	349934010				1																
			349934011			1					1												
			349934012							1													
			349934013												1								
			349934014		1									1									
			349934105	1															1				
			349934106					1	1									1					1
			349934107																			1	
			349934108									1	1										
			349934109													1	1				1		
			349938606																	1			
71	LR10,20	Line Reactor- see page after inverters																					
72	M30B,I	Contactor	349933102			1	1				1												
	M40B,I		349933201							1													
			349933301		1									1	1								
			349933401	1																			
			349933501					1	1			1	1					1	1			1	1
			349933601													1	1			1	1		
73		Alarm- Short Circuit	349933903	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
74		Alarm/Aux. Contact	349933902		1	1	1			1	1			1	1								
75		Line Shield	349933001		1	1	1			1	1			1	1								
76		Cover- Contactor	349932801			2	2				2												
			349932802							2													
			349932803		2									2	2								
			349932804	2																			
			349932805					2	2			2	2					2	2			2	2
77		Aux. Contact Block	349933804	1				1	1			1	1			1	1	1	1		1	1	1
78		Link Module	349932902			1	1				1												
			349932903							1													
			349932904		1									1	1								
			349932906	1																			
			349932907					1	1			1	1					1	1			1	1
79		Aux. Contact	349938701																	1			
80		Lug	349938801																	6			

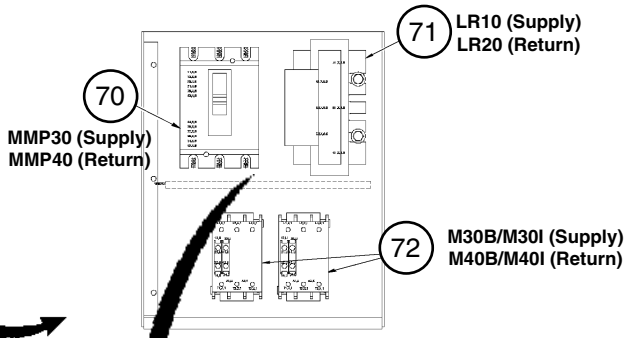
Section F- Supply Air Section

Inverters & Inverter Bypass Control Box
3/05 to 10/06 (Code 8= D)**
Motor HP 30 - 75 (Code 22= Q, R, S, T; Code 32= Q, R, S, T or U)
Diagrams

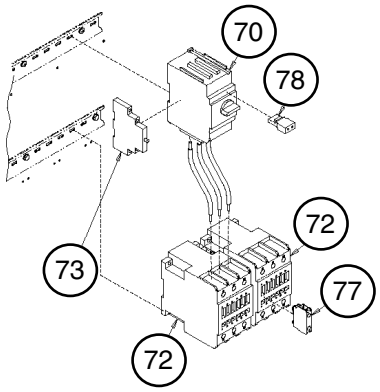
**** If unit was built between 10/04 and 3/05 visual inspection is required to confirm installed components.**



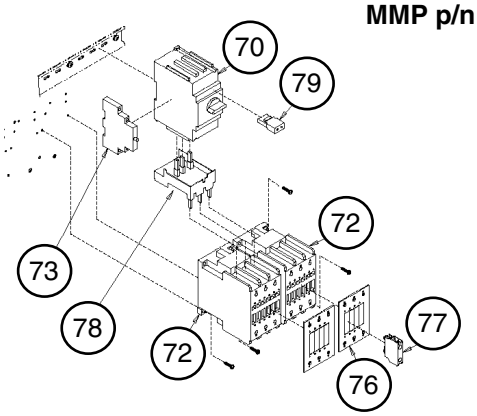
Supply Air or Return Air Fan Inverter w/Bypass Control Box.
(Code 14= 3, 5, 8)
Two boxes installed if C14= 5



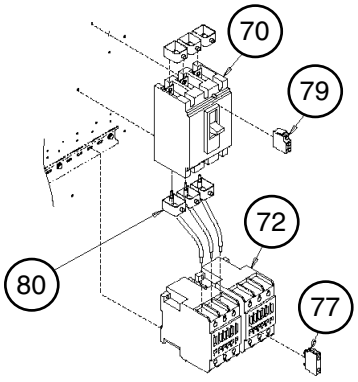
Bypass Controls Detail



MMP & Contactor Link Detail
MMP p/n 349934108, 09



MMP & Contactor Link Detail
MMP p/n 349934107



MMP & Contactor Link Detail
MMP p/n 349938606, 07

Section F- Supply Air Section

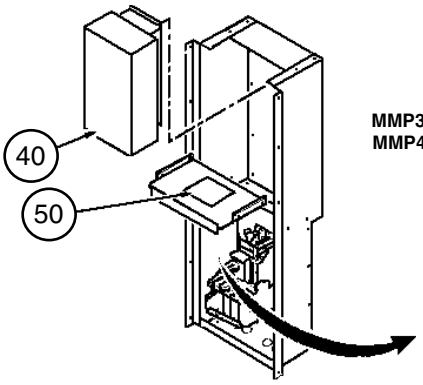
Inverters & Inverter Bypass Control Box
3/05 to 10/06 (Code 8= D)**
Motor HP 30 - 75 (Code 22= Q, R, S, T; Code 32= Q, R, S, T or U)
Components

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				30				40				50				60				75			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10,20	Inverter- see 5 pages after next																					
50		Gasket	055940207	1	1	1	1	1	1	1	1			1	1			1	1			1	1
70	MMP30	Motor Control	349934107			1	1				1												
	MMP40		349934108												1								
			349934109							1				1					1				
			349938606	1	1													1				1	
			349938607					1	1														
71	LR10,20	Line Reactor- see page after inverters																					
72	M30B,I	Contactor	349933501				1																
	M40B,I		349933502			1					1												
			349933601		1					1				1	1			1					
			349933602	1					1										1			1	
			349933701					1															
73		Alarm- Short Circuit	349933903			1	1			1	1			1	1				1				
76		Cover- Contactor	349932805			1	1				1												
77		Aux. Contact Block	349933804			1	1			1	1			1	1				1				
78		Link Module	349932907			1	1				1												
79		Aux. Contact	349938701	1	1			1	1									1				1	
80		Lug	349938801	6	6			3[1]	3[1]									6				6	

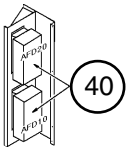
[1] Also requires 3 ring terminals.

Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
1/07 & Later** (Code 8= D)
Motor HP 5 (Code 22= J; or Code 32= J)

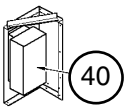
**** If unit was built between 10/06 & 12/06 visual inspection is required to confirm installed components.**



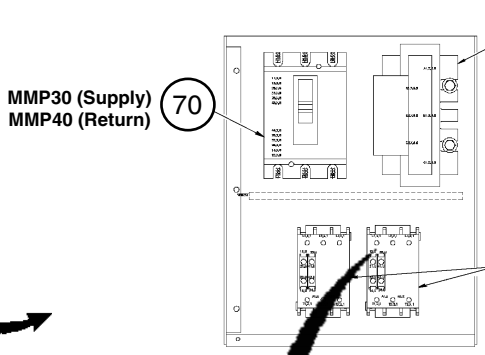
Supply Air or Return Air Fan Inverter w/ Bypass Control Box. (Code 14= 3, 5, 8)
Two boxes installed if Code 14= 5



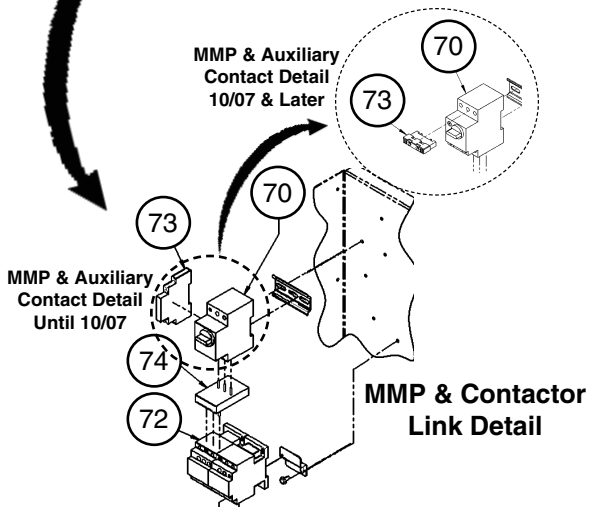
Supply Air and Return Air Fan Inverter without Bypass. (Code 14= 7)



Supply Air or Return Air Fan Inverter without Bypass. (Code 14= 6, 7, 9)



Bypass Controls Detail



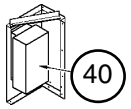
MMP & Contactor Link Detail

Ref No.	Sch. Sym.	Part Description	Part Number	Motor HP 5			
				208V	230V	460V	575V
40	AFD10,20	Inverter- see 4 pages after next					
50		Gasket	055940207	1	1	1	1
70	MMP30,40	Motor Control	349934049				1
			349934050			1	
			349934052	1	1		
71	LR10,20	Line Reactor- see page following inverters					
72	M30B,I	Contactor	349933121			1	1
	M40B,I		349933123	1	1		
73		Contact- Auxiliary [1]	349933922	1	1	1	1
		Contact- Auxiliary [2]	349933821	1	1	1	1
74		Link	349932922	1	1	1	1

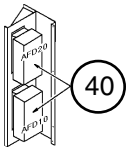
[1] Side Mounted, 1 NO/1 NC. Until 10/07.
[2] Side Mounted, 1 NO or NC. 10/07 & later.

Section F- Supply Air Section
Inverters & Inverter Bypass Control Box
1/07 & Later** (Code 8= D)
Motor HP 7.5 - 25 (Code 22 or Code 32= K, L, M, N or P)
Diagrams

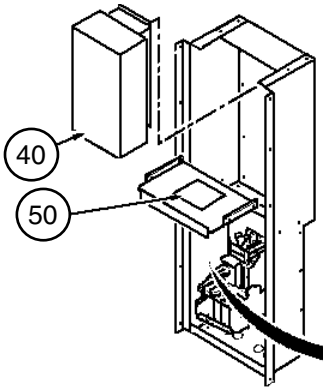
**** If unit was built between 10/06 & 12/06 visual inspection is required to confirm installed components.**



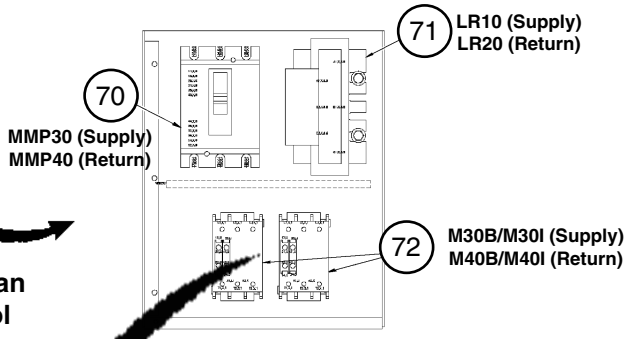
Supply Air or Return Air Fan Inverter without Bypass. (Code 14= 6, 7, 9)



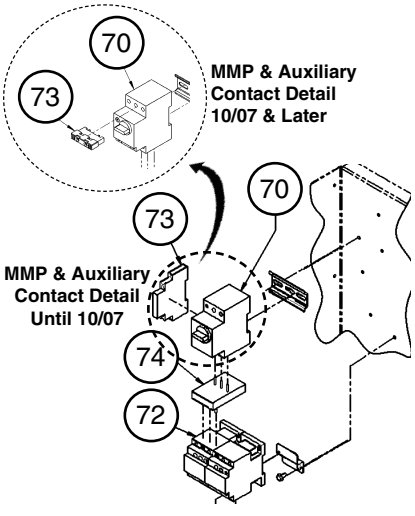
Supply Air and Return Air Fan Inverter without Bypass. (Code 14= 7)



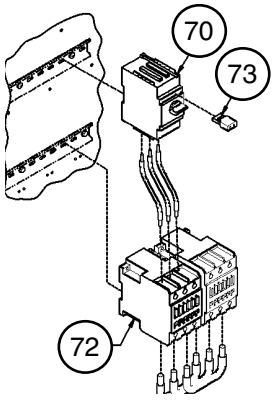
Supply Air or Return Air Fan Inverter w/Bypass Control Box. (Code 14= 3, 5, 8) Two boxes installed if C14= 5



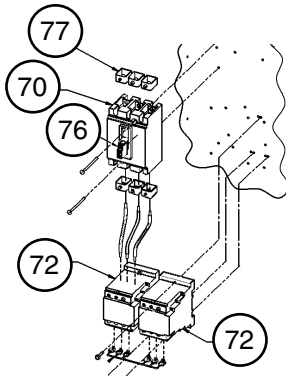
Bypass Controls Detail



MMP & Contactor Link Detail MMP p/n 3499340xx



MMP & Contactor Link Detail MMP p/n 349934147, 48, 49



MMP & Contactor Link Detail MMP p/n 349938606

Section F- Supply Air Section

Inverters & Inverter Bypass Control Box
1/07 & Later** (Code 8= D)
Motor HP 7.5- 25 (Code 22 or Code 32= K, L, M, N or P)
Components

**** If unit was built between 10/06 & 12/06 visual inspection is required to confirm installed components.**

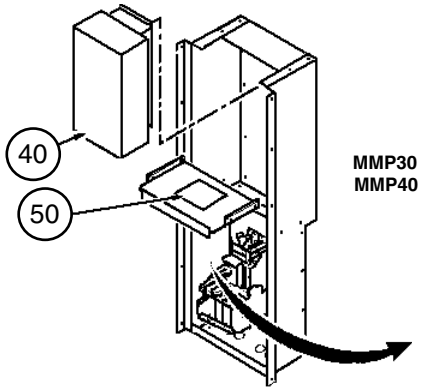
Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				7.5				10				15				20				25			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10,20	Inverter- see 2 pages after next																					
50		Gasket	055940207	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70	MMP30,40	Motor Control	349934050				1																
			349934051			1					1												
			349934052							1					1								
			349934053		1									1					1				
			349934054	1																			1
			349934055						1									1					
			349934147					1														1	
			349934148									1	1										
			349934149													1	1				1		
			349938606																	1			
71	LR10, 20	Line Reactor- see page after inverters																					
72	M30B,I	Contactor	349933121				1																
	M40B,I		349933122			1					1												
			349933123							1					1								
			349933321	1	1									1					1				
			349933322						1									1					1
			349933521					1														1	
			349933522									1	1										
			349933523													1	1						
			349933621																	1	1		
73		Contact- Auxiliary [2]	349933804									1	1			1	1				1	1	
		Contact- Auxiliary [1]	349933922	1	1	1	1	1	1	1	1			1	1			1	1				1
		Contact- Auxiliary [3]	349933821	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74		Link	349932922	1	1	1	1	1	1	1	1			1	1			1	1				1
76		Interlock- Trip	349938701																	1			
77		Lug Kit (3 per kit)	349938801																	2			

[1] Side Mounted, 1 NO/1 NC. Until 10/07.
[2] Front Mounted, NC. Until 10/07.
[3] Front Mounted, 1 NO or NC. 10/07 & later.

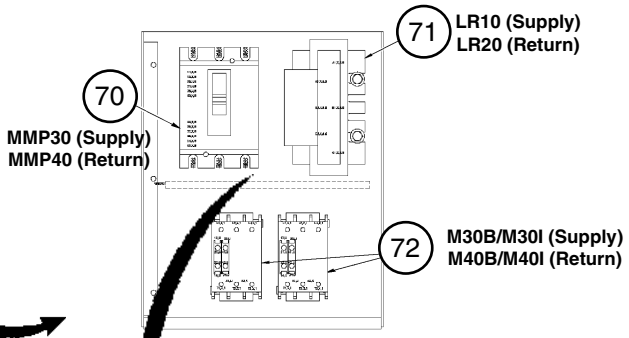
Section F- Supply Air Section

Inverters & Inverter Bypass Control Box
1/07 & Later** (Code 8= D)
Motor HP 30 - 75 (Code 22= Q, R, S, T; Code 32= Q, R, S, T or U)
Diagrams

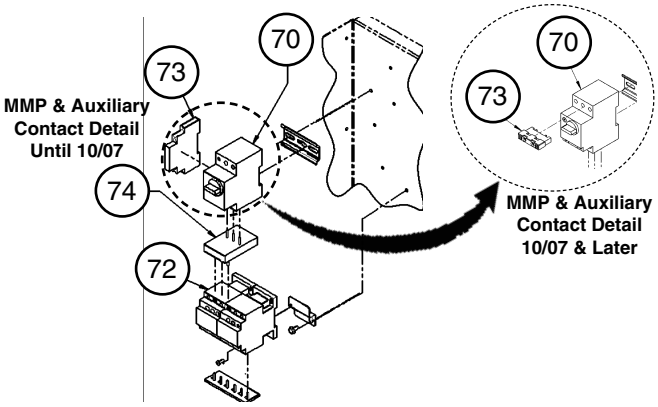
**** If unit was built between 10/06 & 12/06 visual inspection is required to confirm installed components.**



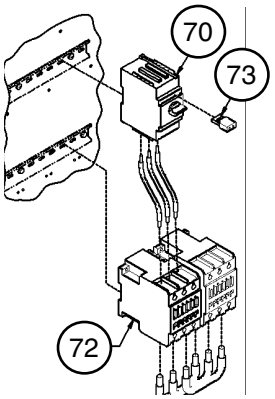
Supply Air or Return Air Fan Inverter w/Bypass Control Box.
(Code 14= 3, 5, 8)
Two boxes installed if C14= 5



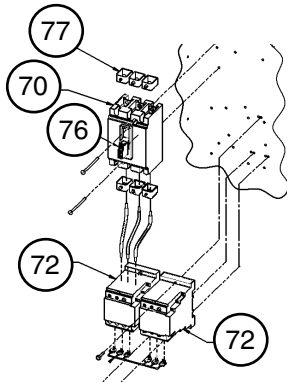
Bypass Controls Detail



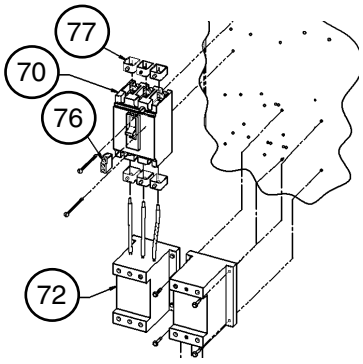
MMP & Contactor Link Detail
MMP p/n 349934055



MMP & Contactor Link Detail
MMP p/n 349934147, 48, 49



MMP & Contactor Link Detail
MMP p/n 349938606



MMP & Contactor Link Detail
MMP p/n 349938607

Section F- Supply Air Section

Inverters & Inverter Bypass Control Box
1/07 & Later** (Code 8= D)
Motor HP 30 - 75 (Code 22= Q, R, S, T; Code 32= Q, R, S, T or U)
Components

**** If unit was built between 10/06 & 12/06 visual inspection is required to confirm installed components.**

Ref No.	Sch. Sym.	Part Description	Part Number	Motor Horsepower																			
				30				40				50				60				75			
				208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
40	AFD10,20	Inverter- see next page																					
50		Gasket	055940207	1	1	1	1	1	1	1	1			1	1			1	1			1	
70	MMP30	Motor Control	349934055				1																
	MMP40		349934147			1																	
			349934148								1												
			349934149							1				1	1				1				
			349938606	1	1													1				1	
			349938607					1	1														
71	LR10,20	Line Reactor- see page after inverters																					
72	M30B,I	Contactor	349933322				1																
	M40B,I		349933521			1																	
			349933522							1	1												
			349933523											1	1								
			349933621		1													1	1				
			349933721	1					1													1	
			349933722					1															
73		Contact- Auxiliary [3]	349933804			1				1	1			1	1				1				
		Contact- Auxiliary [1]	349933922				1																
		Contact- Auxiliary [4]	349933821																				
74		Link	349932922				1																
76		Interlock- Trip	349938701	1	1			1	1									1				1	
77		Lug Kit (3 per kit)	349938801	2	2			1[2]	1[2]									2				2	

[1] Side Mounted, 1 NO/1 NC. Until 10/07.
[2] Also requires 3 ring terminals.
[3] Front Mounted, NC. Until 10/07.
[4] Front Mounted, 1 NO or NC. 10/07 & later.

Section F- Supply Air Section
Inverters

Code 15= R Model VTAC9

Part Number	Motor Horsepower																					
	5		7.5		10		15		20		25		30		40		50		60		75	
	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V
098861454		1																				
098861455				1																		
098861456						1																
098861457								1														
098861458										1												
098861459												1										
098861460														1								
098861461																1						
098861462																		1				
098861463																				1		
098861464																						1
098861468	1																					
098861469			1																			
098861470					1																	

Code 15= A Model 401 (until 8/04) [1]

Part Number	Motor Horsepower																					
	5		7.5		10		15		20		25		30		40		50		60		75	
	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V
060011602		1																				
060011603				1																		
060011604						1																
060011605								1														
060011606										1												
060011607												1										
060011608														1								
060011609																1						
060011610																		1				
060011611																				1		
060011612																						1
060011615	1																					
060011616			1																			
060011617					1																	
060011618							1															
060011619									1													
060011620											1											
060011621													1									
060011622															1							
060011623																	1					

[1] Model 401 series Inverters have been discontinued by the manufacturer. Refer to the comparable Model 550 p/n on the following page.

Section F- Supply Air Section
Inverters, Continued

Code 15= A Model 550 (8/04 & Later) [1]

Part Number	Motor Horsepower																																
	5			7.5			10			15			20			25			30			40			50			60			75		
	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
112046002		1																															
112046003					1																												
112046004								1																									
112046005											1																						
112046006														1																			
112046007																	1																
112046008																				1													
112046009																							1										
112046010																										1							
112046011																													1				
112046012																																1	
112046015	1																																
112046016				1																													
112046017							1																										
112046018										1																							
112046019													1																				
112046020																1																	
112046021																			1														
112046022																						1											
112046023																									1								
112046024																												1					
112046025																															1		
112046027			1																														
112046028						1																											
112046029									1																								
112046030												1																					
112046031															1																		
112046032																		1															
112046033																					1												
112046034																							1										
112046035																											1						
112046036																													1				

[1] The Keypad Display for Model 550 Inverters is p/n 300040924.

Section F- Supply Air Section
Inverters, Continued

Code 15= G Model 3500

Part Number	Motor Horsepower																							
	5				7.5				10				15				20				25			
	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
098656903			1																					
098656904							1																	
098656905											1													
098656906															1									
098656907																			1					
098656908																							1	
098656916	1																							
098656917					1																			
098656918									1															
098656919													1											
098656920																	1							
098656921																						1		
098656926		1																						
098656927						1																		
098656928										1														
098656929														1										
098656930																		1						
098656931																						1		
098656943				1																				
098656944								1																
098656945												1												
098656946																1								
098656947																				1				
098656948																								1

Part Number	Motor Horsepower																			
	30				40				50				60				75			
	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
098656909			1																	
098656910							1													
098656911											1									
098656912															1					
098656913																			1	
098656922	1																			
098656923					1															
098656940									1											
098656932		1																		
098656933						1														
098656953								1												
098656951												1								
098656954																1				

Section F- Supply Air Section
Inverters, Continued

Code 15= S McQuay MD2

Part Number	Motor Horsepower																			
	5		7.5		10		15		20		25		30		40		50		60		75	
	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V	208/230V	460V
349956609	1																					
349956610			1																			
349956611					1																	
349956612							1															
349956613									1													
349956614											1											
349956615													1									
349956625		1																				
349956626				1																		
349956627						1																
349956628								1														
349956629										1												
349956630												1										
349956631														1								
349956632																1						
349956683 [1]																		1				
349956684 [2]																				1		
349956685 [3]																						1

[1] Prior to 12/06 the MD6 Inverter p/n 349956633 was used.
[2] Prior to 12/06 the MD6 Inverter p/n 349956634 was used.
[3] Prior to 12/06 the MD6 Inverter p/n 349956635 was used.

Section F- Supply Air Section

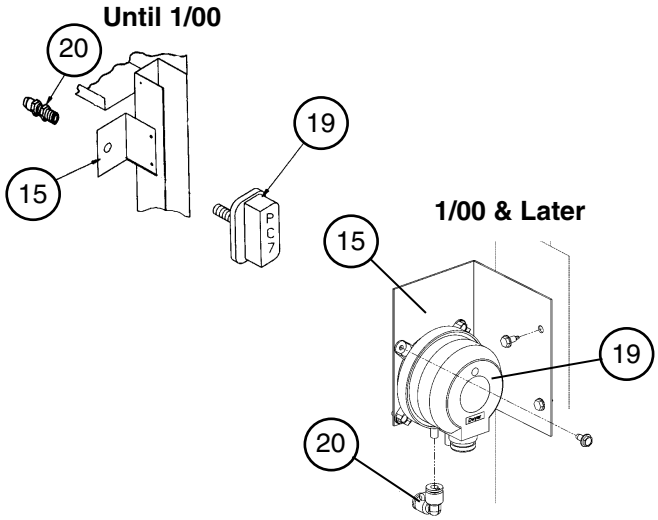
Line Reactors [1]

Part Number	Motor Horsepower																													
	5				7.5				10				15				20				25				30				40			
	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
073323503			1																													
073323504							1																									
073323505											1																					
073323506															1																	
073323507																							1									
073323508																											1					
073323509																															1	
073323511													1																			
073323512																	1															
073323518	1																															
073323519					1																											
073323520									1																							
073323521																					1											
073323522																									1							
073323523																													1			
073323526																								1								
073323527												1																				
073323529				1																												
073323530																1																
073323531																				1												
073323532								1																								
073323534																			1													
073323537														1																		
073323538																		1														
073323544		1																														
073323545						1																										
073323546										1																						
073323547																		1														
073323548																									1							
073323549																														1		
073323554																												1				
073323555																																1

Part Number	Motor HP					
	50		60		75	
	460V	575V	460V	575V	460V	575V
073323510			1			
073323535	1					
073323536					1	
073323556		1				
073323557				1		
073323558						1

[1] Line Reactors used when:
Code 17= CL, CE, CH, CJ, CK, C4, C6, C7, C8, YL, YE, YH, YJ, YK, Y4, Y6, Y7, Y8.

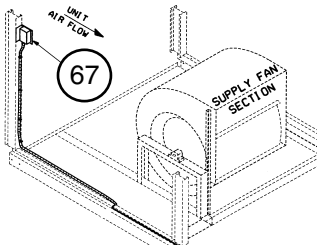
Section F- Supply Air Section
Section Mounted Controls
PC7, HL22, LT10, S10, REC10, UV Lights



PC7- Proof of Airflow Pressure Control

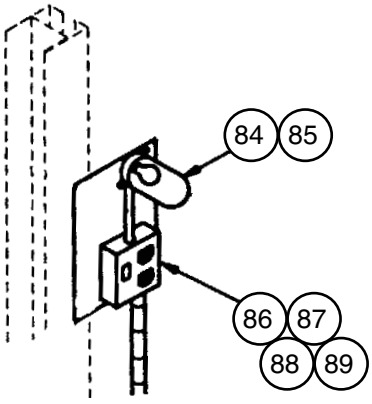
Ref No.	Part Description	Part Number	Qty.
15	Bracket, until 1/00	057233101	1
	Bracket, 1/00 & later	[1]	1
19	PC7 Pressure Control		
	until 1/00	065493801	1
	1/00 & later	[1]	1
20	Pneumatic Fitting		
	until 1/00	049763002	1
	1/00 & later	[1]	1

[1] In 06/12 the design of PC7 was changed. Units built 1/00 & Later require Retrofit Kit 910122413 for proper installation as old and new parts are NOT interchangeable. In the Kit, the Switch is p/n 910115489, the Pneumatic Fitting is p/n 910122414, and the Support Bracket is p/n 910122290.



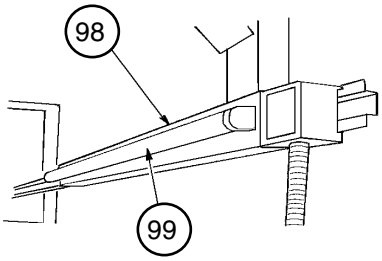
HL22- Gas Heat Hi Limit Switch
C04= A

Ref No.	Part Description	Part Number	Qty.
67	T-stat- HL22 Hi Limit	047938801	1



LT10- Return Fan Light/S10- Return Fan Light Switch/ REC10- Return Fan Light Receptacle
C49= B or E

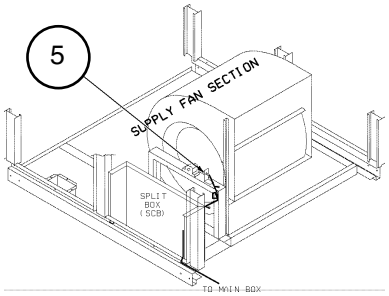
Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT10	065492402	1
86	Junction Box	065491901	1
87	Junction Box Cover	065492001	1
88	Light Switch- S10	065492201	1
89	Receptacle- REC10	030187000	1



UV Lights
Code 17= C1 thru C8, Y1 thru Y8

Ref No.	Part Description	Part Number	Qty.
98	Lamp Holder- 18”	205484001	1
	Lamp Holder- 24”	205484101	1
	Lamp Holder- 36”	205484201	1
99	Lamp- 18”	205484501	1
	Lamp- 24”	205484601	1
	Lamp- 36”	205484701	1

Section F- Supply Air Section
Section Mounted Controls
MATS, EFTS, SATS, DATS, OATS, SD1

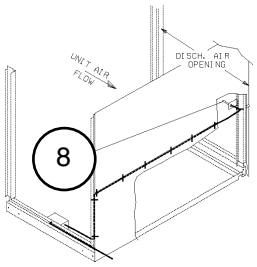


MATS (until 2/04)
EFTS (2/04 & later)

Mixed Air Temperature Sensor- MAT or Entering Fan Temperature Sensor- EFT

Ref No.	Part Description	Part Number	Qty.
5	MA Temp. Sensor- MAT EF Temp. Sensor- EFT	193414601[1]	1

[1] P/N is for MicroTech III Controls. For Original MicroTech controls (C12= 1,2,3,4,5) use p/n 065829505. For MicroTech II controls (C12= _D or _S) use p/n 060004705.

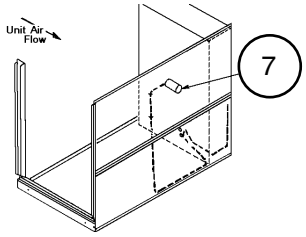


SATS (until 2/04)
DATS (2/04 & later)

Supply Air Temperature Sensor- SAT or Discharge Air Temperature Sensor- DAT

Ref No.	Part Description	Part Number	Qty.
8	SA Temp. Sensor- SAT DA Temp. Sensor- DAT	193414601[1]	1

[1] P/N is for MicroTech III Controls. For Original MicroTech controls (C12= 1,2,3,4,5) use p/n 065829505. For MicroTech II controls (C12= _D or _S) use p/n 060004705.



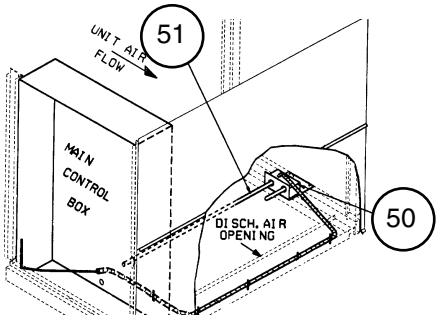
OATS

Outdoor Air Temperature Sensor- OAT

Ref No.	Part Description	Part Number	Qty.
7	OA Temp. Sensor- OAT	193414601[1]	1

[1] P/N is for MicroTech III Controls. For Original MicroTech controls (C12= 1,2,3,4,5) use p/n 065829505. For MicroTech II controls (C12= _D or _S) use p/n 060004705.

Smoke Detector Detail



Smoke Detector- SD1

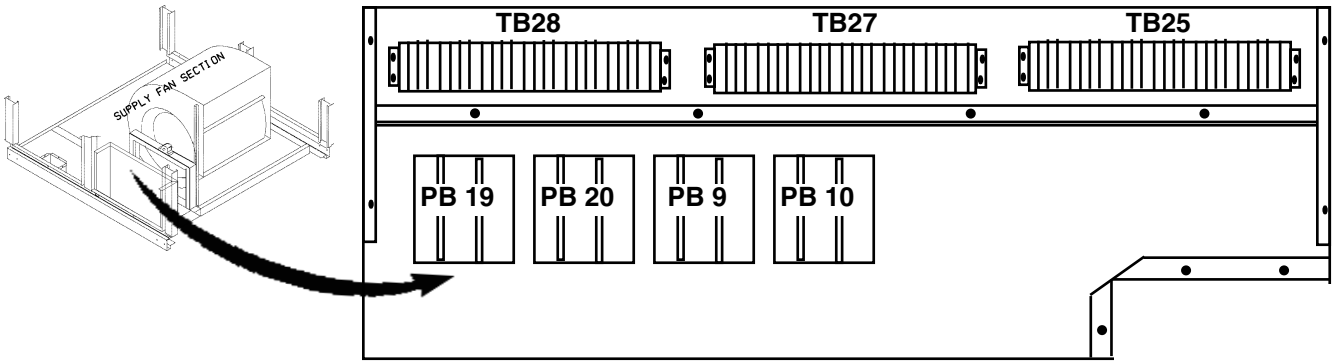
Ref No.	Part Description	Part Number	Qty.
50	Smoke Detector- SD1		
	until 2/00	055744901[1]	1
	2/00- 2/03	060016501	1
	2/03- Present	098873101	1
51	Sensing Tube	049025002	1

[1] Includes Duct House 24- 240V p/n 049025003 + Smoke Detector only p/n 049025004.

Section F- Supply Air Section

Section Mounted Controls

SCB- Split Junction Box (Code 05= F)- TB25,TB27,TB28,PB10,PB9,PB20,PB19



Across- The- Line Start (Code 05= AL)

Sch. Sym.	Part Description	Part Number	Motor HP															
			2 - 25				30				40, 50				60 - 75			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
	Terminal Blocks																	
TB25	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB27	Terminal Block- SCB	015998130	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB28[1]	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB10	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1			1	1
	175A, 600V, 3P	030372710													1	1		
PB9	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707					1										1	1
PB20	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				
PB19	Power Block- Return Fan																	
	95A, 600V, 3P	030372707					1											

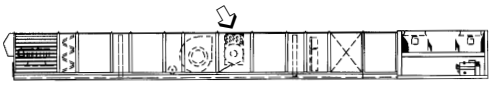
Part Winding Start (Code 05= PP)[2]

Sch. Sym.	Part Description	Part Number	Motor HP															
			2 - 25				30				40, 50				60 - 75			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
	Terminal Blocks																	
TB25	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB27	Terminal Block- SCB	015998130	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB28[1]	Terminal Block- SCB	015998124	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB10	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1			1	1
	175A, 600V, 3P	030372710													1	1		
PB9	Power Block- Supply Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PB20	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				
PB19	Power Block- Return Fan																	
	95A, 600V, 3P	030372707	1	1	1	1	1	1	1	1	1	1	1	1				

[1] Only used when the unit has a supply fan inverter, VIV, or an Economizer with a Power Closure Exhaust Damper.
[2] Part Winding Fans are rare (and no longer offered).

Section G- Blow-Thru Heat Section

Notes



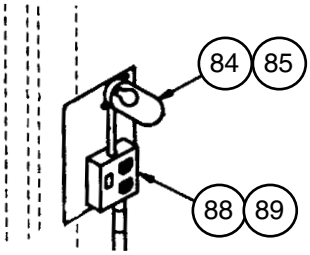
Primary Codes that pertain: 04, 34
Additional Codes that pertain: 06, 07, 08, 09, 12, 31

Code 04 determines what type of heat, if any, the unit employs, and code 34 defines the specific heat's characteristics. If Code 04= Y, and Code 34= YYYYYY there is no section. If Code 04= Y and Code 34= BBBBBB, then there is a 40" Blank Access Section installed. Otherwise, see the nomenclature page for specific heat section definition. This section is divided into four subsections: 1. Blank Access; 2. HW/Steam Heat; 3. Electric Heat; and 4. Gas Heat.

Code 07 is the Gas Heat Burner Approval Code and affects many of the parts in the gas heat section depending on whether the unit is UL approved (USA) or CSA approved (Canada).

Code 08 determines which generation of controls are installed which determines which electric heat controls are used. Code 09 determines the Unit Voltage, which will have an effect on the electric heaters and their controls. Code 12 determines the Control type and will affect the gas heat actuator motor. Code 31 is the supply fan size, and affects the heat section's diffusers. Code 06 determines the insulation and liners and will affect the Top Panel, Uprights, and Door Assembly part numbers. For sheet metal cabinet components, contact Daikin McQuay Parts with unit serial and/or G.O. number.

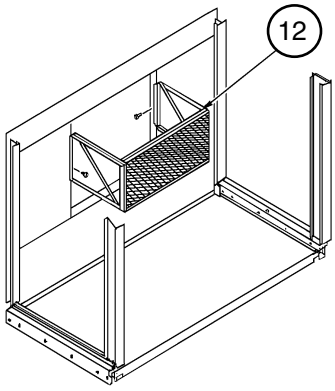
Unit Mounted Controls



LT12- BT Heat Section Light/S12- Filter Section Light Switch/ REC12- Filter Section Receptacle

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT12	065492402	1
88	Light Switch- S12	065492201	1
89	Receptacle- REC12	030187000	1

Option 1: Blank Compartment
Code 34= BBBBBB and Code 04= Y
Diffuser



The drawing shows a diffuser factory mounted on a unit not split (Code 05=Y). If the unit is split at the Supply Fan (Section F) and Heat (Section G) the diffuser is field mounted. The part number is the same in either case.

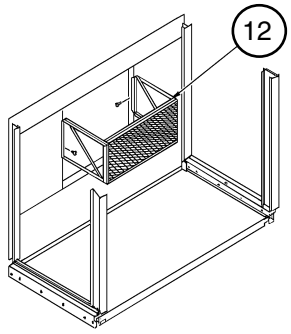
Ref No.	Part Description	Part Number	Qty.
12	Diffuser		
	C31= 33**, 36**, 40**	055988001	1

Section G- Blow-Thru Heat Section

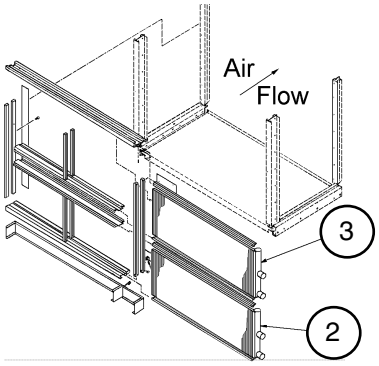
Option 2: Hot Water or Steam Coil Heat, Mixing Valves and Actuator (VM1)

Code 34 first 3 digits = S11, S12, S13, S14, W11, W12, W22

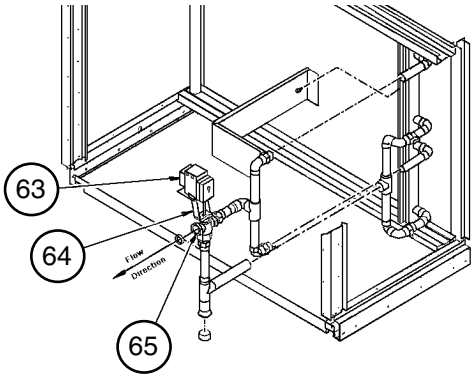
Diffuser



Coil Location



Mixing Valve Detail



Ref No.	Sch. Sym.	Part Description	Code 34=	Coil Type	Coil Height	Part Number	Qty.
2		Steam Heat Coil- Bottom	S11***	5JA0601H	42”	056053061 [3]	1
		Steam Heat Coil- Bottom	S12***	5JA1201H	42”	056053062 [3]	1
		Steam Heat Coil- Bottom	S13***	5JA0602C	42”	056053063	1
		Steam Heat Coil- Bottom	S14***	5JA1202C	42”	056053064	1
		Hot Water Heat Coil- Bottom	W11***	5WH0901H	42”	056053065 [3]	1
		Hot Water Heat Coil- Bottom	W22***	5WS0902C	42”	056053066	1
3		Steam Heat Coil- Top	S11***	5JA0601H	39”	056053041 [4]	1
		Steam Heat Coil- Top	S12***	5JA1201H	39”	056053042 [4]	1
		Steam Heat Coil- Top	S13***	5JA0602C	39”	056053043	1
		Steam Heat Coil- Top	S14***	5JA1202C	39”	056053044	1
		Hot Water Heat Coil- Top	W11***	5WH0901H	39”	056053045 [4]	1
		Hot Water Heat Coil- Top	W22***	5WS0902C	39”	056053046	1
12		Diffuser- 33” Supply Fan				055988003	1
		Diffuser- 36” Supply Fan				055988004	1
		Diffuser- 40” Supply Fan				055988005	1
63	VM1	Actuator- 120V	*****E	All	All	059999804	1
64		Linkage- 1.50” or 2.00” Valve	*****E	All	All	049762401	1
		Linkage- 2.50” or 3.00” Valve	*****E	All	All	049762403	1
65		Valve, 2 Way— Steam Heat					
		1.50”	S**F2*	5JA	All	049762503	1
		2.00”	S**G2*	5JA	All	049762504	1
		2.50”	S**H2*	5JA	All	049762505	1
		3.00” [1]	S**J2*	5JA	All	049762506	1
		Valve, 3 Way— Hot Water Heat					
		1.50”	W**F3*	5WH, 5WS	All	047936501	1
		2.00”	W**G3*	5WH, 5WS	All	047936502	1
		2.50”	W**H3*	5WH, 5WS	All	047936506	1
		3.00” [2]	W**J3*	5WH, 5WS	All	047936503	1

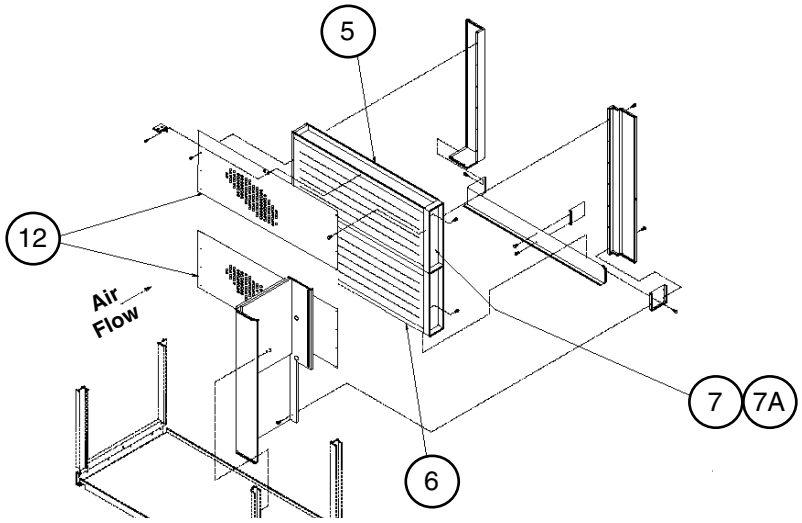
[1] Steam Heat 3.00” valve has a flange gasket p/n: 031315900.
[2] Hot Water Heat 3.00” valve has a flange gasket p/n: 031316000.
[3] Contact Daikin McQuay Parts for units built before 1/95.
[4] Contact Daikin McQuay Parts for units built before 1/95.

Section G- Blow-Thru Heat Section

Option 3: Electric Heat— Code 34 first digit = E

Heaters, Hi Limit Cutouts, Diffusers

Diagram & Components



Ref No.	Sch. Sym.	Part Description	Total KW	Code 34=	Heater KW	Hi Limit Cutout with Auto and Manual Cutout [1]	Hi Limit Cutout with Auto Cutout Only [2]	Unit Voltage 208/230V	Unit Voltage 460V	Unit Voltage 575V
5		Heater Assy- Top	80	E080	80	049269206	049269215	1		
		Heater Assy- Top	80	E080	80	049269224	049269233		1	
		Heater Assy- Top	80	E080	80	N/A	049269242			1
		Heater Assy- Top	100	E100	100	049269205	049269214	1		
		Heater Assy- Top	100	E100	100	049269223	049269232		1	
		Heater Assy- Top	100	E100	100	N/A	049269241			1
		Heater Assy- Top	120	E120	120	049269204	049269213	1		
		Heater Assy- Top	120	E120	120	049269222	049269231		1	
		Heater Assy- Top	120	E120	120	N/A	049269240			1
		Heater Assy- Top	160	E160	160	049269203	049269212	1		
		Heater Assy- Top	160	E160	160	049269221	049269230		1	
		Heater Assy- Top	160	E160	160	N/A	049269239			1
		Heater Assy- Top	200	E200	120	049269204	049269213	1		
		Heater Assy- Top	200	E200	120	049269222	049269231		1	
		Heater Assy- Top	200	E200	120	N/A	049269240			1
		Heater Assy- Top	240	E240	120	049269204	049269213	1		
		Heater Assy- Top	240	E240	120	049269222	049269231		1	
		Heater Assy- Top	240	E240	120	N/A	049269240			1
		Heater Assy- Top	280	E280	160	049269203	049269212	1		
		Heater Assy- Top	280	E280	160	049269221	049269230		1	
		Heater Assy- Top	280	E280	160	N/A	049269239			1
		Heater Assy- Top	320	E320	160	049269203	049269212	1		
		Heater Assy- Top	320	E320	160	049269221	049269230		1	
		Heater Assy- Top	320	E320	160	N/A	049269239			1

N/A= Not Applicable.

[1] Units ETL/MEA approval (Code 07= EY) or no approval (Code 07= YY). Heater assy includes Hi Limit auto and manual reset switches.

[2] Units CSA approval (Code 07= CY). Heater assy includes Hi Limit auto reset switches.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Heaters, Hi Limit Cutouts, Diffusers
Components, Continued

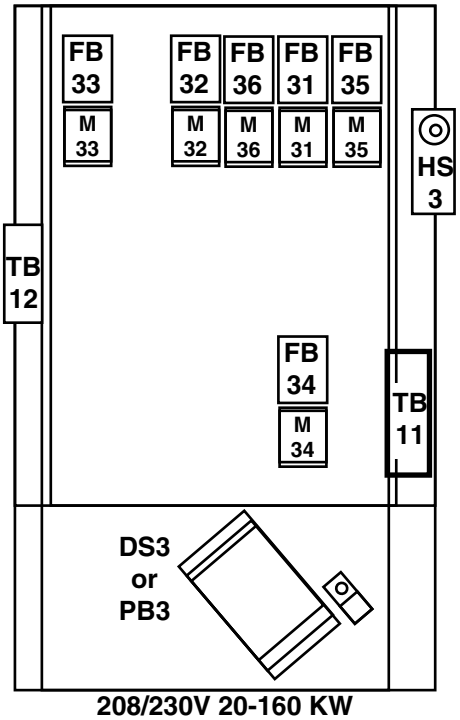
Ref No.	Sch. Sym.	Part Description	Total KW	Code 34=	Heater KW	Hi Limit Cutout with Auto and Manual Cutout [1]	Hi Limit Cutout with Auto Cutout Only [2]	Unit Voltage 208/230V	Unit Voltage 460V	Unit Voltage 575V
6		Blank Assy- Bottom	80- 160	E/080- 160		055923602	055923602	1	1	1
		Heater Assy- Bottom	200	E200	80	049269206	049269215	1		
		Heater Assy- Bottom	200	E200	80	049269224	049269233		1	
		Heater Assy- Bottom	200	E200	80	N/A	049269242			1
		Heater Assy- Bottom	240	E240	120	049269204	049269213	1		
		Heater Assy- Bottom	240	E240	120	049269222	049269231		1	
		Heater Assy- Bottom	240	E240	120	N/A	049269240			1
		Heater Assy- Bottom	280	E280	120	049269204	049269213	1		
		Heater Assy- Bottom	280	E280	120	049269222	049269231		1	
		Heater Assy- Bottom	280	E280	120	N/A	049269240			1
		Heater Assy- Bottom	320	E320	160	049269203	049269212	1		
		Heater Assy- Bottom	320	E320	160	049269221	049269230		1	
		Heater Assy- Bottom	320	E320	160	N/A	049269239			1
7	HL1-20	Hi Limit- Manual Cutout	All	All	All	065496201	N/A	1	1	1
7A	HL31-50	Hi Limit- Auto Cutout	All	All	All	065824501	065824501	1	1	1
12		Diffuser	All	All	All	055658401	055658401	2	2	2

N/A= Not Applicable.

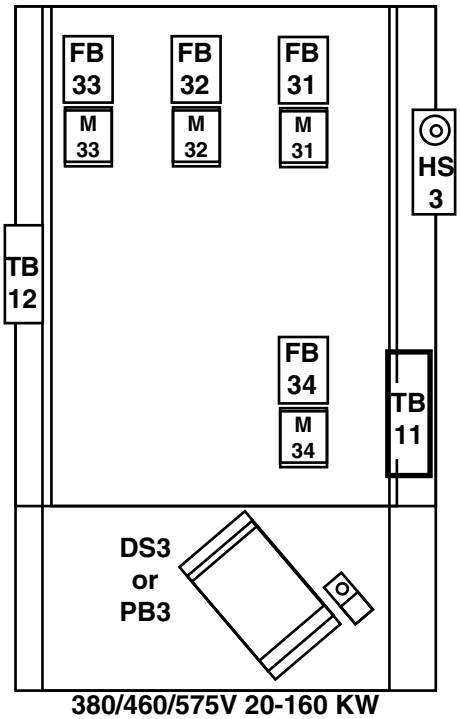
[1] Units ETL/MEA approval (Code 07= EY) or no approval (Code 07= YY). Heater assy includes Hi Limit auto and manual reset switches.

[2] Units CSA approval (Code 07= CY). Heater assy includes Hi Limit auto reset switches.

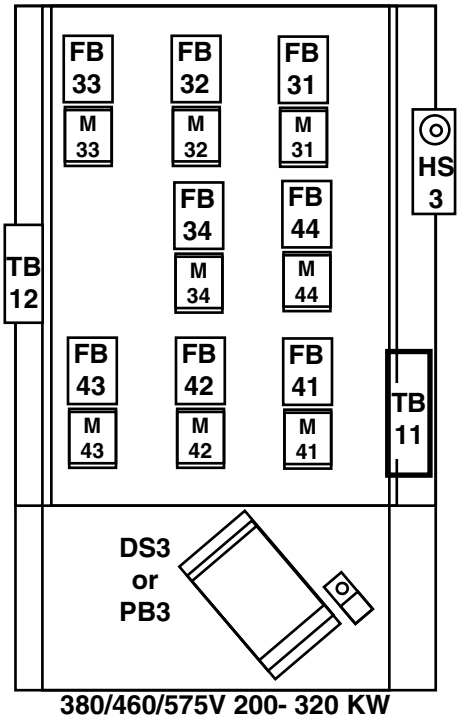
Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- Until 3/05
Diagrams & Components



208/230V 20-160 KW
NOTE: Diagram illustrates maximum KW



380/460/575V 20-160 KW
NOTE: Diagram illustrates maximum KW



380/460/575V 200- 320 KW
NOTE: Diagram illustrates maximum KW

DS3— Disconnect Switch- Through the Door Style

Sch. Symbol	Unit Voltage	Total Heater KW	Disconnect Specs	Disconnect PN	Mechanism PN	Term. Lug PN
DS3	208/230	20	60A 600V 3P	031446200	031322400	FWS
DS3	208/230	40,60,80	250A 600V 3P	047442104	039903100	FWS
DS3	208/230	100,120	400A 600V 3P	047442108	025862500	FWS
DS3	380/575	20,40	60A 600V 3P	031446200	031322400	FWS
DS3	380/575	60-200	250A 600V 3P	047442104	039903100	FWS
DS3	380/575	240,280	400A 600V 3P	047442109	025862500	FWS
DS3	380/575	320	400A 600V 3P	072937502	025862500	FWS
DS3	460	20,40	60A 600V 3P	031446200	031322400	FWS
DS3	460	60-160	250A 600V 3P	047442104	039903100	FWS
DS3	460	200,240	400A 600V 3P	047442109	025862500	FWS
DS3	460	280	800A 600V 3P	031019401	031011600	031019403
DS3	460	320	600A 600V 3P	027070601	028399200	FWS

FWS= Furnished with switch.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- Until 3/05
20- 120 KW Components

Sch. Sym.	Part Description	Part Number	Heater KW= 20				40				60				80				100				120			
			208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V
PB3	Power Block	030372707	1	1	1	1																				
	Power Block	030372705					1	1	1	1	1		1	1			1	1			1	1				1
	Power Block	030372717										1			1	1			1	1			1		1	
	Power Block	030372718																						1		
DS3	Disconnect Switch	[2]																								
HS3	Switch	033696300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block	015998109[1]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB12	Terminal Block	030372717																	1	1						
TB12	Terminal Block	030372720																					1	1		
TB12	Terminal Block	030372705															1	1			1	1			1	1
M31	Contactor	027514103	1	1			1	1							1	1			1	1	1		1	1	1	
	Contactor	027514102									1	1										1				1
	Contactor	027514101			1	1			1	1			1	1			1	1								
M32	Contactor	027514103					1	1							1	1			1	1	1		1	1	1	
	Contactor	027514102									1	1														1
	Contactor	027514101							1	1			1	1			1	1			1	1				
M33	Contactor	027514103													1	1			1	1			1	1		
	Contactor	027514102									1	1														
	Contactor	027514101															1	1			1	1			1	1
M34	Contactor	027514103													1	1			1	1			1	1		
	Contactor	027514102									1	1														
	Contactor	027514101															1	1			1	1			1	1
M35	Contactor	027514103																	1	1			1	1		
M36	Contactor	027514103																					1	1		
FB31	Fuse Block	023780209	1	1			1	1			1	1			1	1			1	1			1	1		
	Fuse Block	023780205			1	1			1	1			1	1			1	1								
	Fuse Block	023780210																			1	1			1	1
FB32	Fuse Block	023780209					1	1			1	1			1	1			1	1			1	1		
	Fuse Block	023780205							1	1			1	1			1	1			1	1				
	Fuse Block	023780210																							1	1
FB33	Fuse Block	023780209									1	1			1	1			1	1			1	1		
	Fuse Block	023780205															1	1			1	1			1	1
FB34	Fuse Block	023780209									1	1			1	1			1	1			1	1		
	Fuse Block	023780205															1	1			1	1			1	1
FB35	Fuse Block	023780209																	1	1			1	1		
FB36	Fuse Block	023780209																					1	1		

[1] Terminal block listed is for 1-6 stages of heat (standard). For units with 7- 10 stages of heat (rare specials) use p/n 015998114. Also, if a unit has no controls (Code 12= YY) use pn/ 022431209 (1 - 6 stages of heat) or p/n 022431214 (7 - 10 stages of heat).
[2] See charts on previous page.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- Until 3/05
20- 120 KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW=																					
			20				40				60				80				100				120			
			208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V	208V	230V	460V	380/575V
F31	Fuse- FB31	025860514	3	3			3	3							3	3			3	3			3	3		
	Fuse- FB31	025860511									3															
	Fuse- FB31	025860512										3														
	Fuse- FB31	025860409			3				3				3				3									
	Fuse- FB31	025860408				3				3				3				3								
	Fuse- FB31	025860414																			3				3	
	Fuse- FB31	025860413																				3				3
F32	Fuse- FB32	025860514					3	3							3	3			3	3			3	3		
	Fuse- FB32	025860511									3															
	Fuse- FB32	025860512										3														
	Fuse- FB32	025860409							3				3				3				3					
	Fuse- FB32	025860408								3				3				3				3				
	Fuse- FB32	025860414																							3	
	Fuse- FB32	025860413																								3
F33	Fuse- FB33	025860511									3															
	Fuse- FB33	025860512										3														
	Fuse- FB33	025860514													3	3			3	3			3	3		
	Fuse- FB33	025860409															3				3				3	
	Fuse- FB33	025860408																3				3				3
	Fuse- FB33	025860412											3													
	Fuse- FB33	025860411												3												
F34	Fuse- FB34	025860511									3															
	Fuse- FB34	025860512										3														
	Fuse- FB34	025860514													3	3			3	3			3	3		
	Fuse- FB34	025860409															3				3				3	
	Fuse- FB34	025860408																3				3				3
F35	Fuse- FB35	025860514																	3	3			3	3		
F36	Fuse- FB36	025860514																					3	3		

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- Until 3/05
160- 320 KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW= 160 460V	160 380/575V	200 460V	200 380/575V	240 460V	240 380/575V	280 460V	280 380/575V	320 460V	320 380/575V
PB3	Power Block	030372721									1	1
	Power Block	030372720					1		1	1		
	Power Block	030372717	1	1								
	Power Block	030372706			1	1		1				
DS3	Disconnect Switch	[2]										
HS3	Switch	033696300	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block	015998109 [1]	1	1	1	1	1	1	1	1	1	1
TB12	Terminal Block	030372705		1								
TB12	Terminal Block	030372720			1	1	1	1	1	1	1	1
TB12	Terminal Block	030372716	1									
M31	Contactor	027514103	1		1		1		1		1	
	Contactor	027514102		1		1		1		1		1
M32	Contactor	027514103	1		1		1		1		1	
	Contactor	027514102		1		1		1		1		1
M33	Contactor	027514103	1						1		1	
	Contactor	027514102		1						1		1
	Contactor	027514101			1	1	1	1				
M34	Contactor	027514103	1						1		1	
	Contactor	027514102		1						1		1
	Contactor	027514101			1	1	1	1				
M41	Contactor	027514103									1	
	Contactor	027514102										1
	Contactor	027514101			1	1	1	1	1	1		
M42	Contactor	027514103									1	
	Contactor	027514102										1
	Contactor	027514101			1	1	1	1	1	1		
M43	Contactor	027514103					1		1		1	
	Contactor	027514102						1		1		1
	Contactor	027514101			1	1						
M44	Contactor	027514103					1		1		1	
	Contactor	027514102						1		1		1
	Contactor	027514101			1	1						

[1] Terminal block listed is for 1-6 stages of heat (standard). For units with 7- 10 stages of heat (rare specials) use p/n 015998114. Also, if a unit has no controls (Code 12= YY) use pn/ 022431209 (1 - 6 stages of heat) or p/n 022431214 (7 - 10 stages of heat).

[2] See chart 3 pages prior.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- Until 3/05
160- 320 KW Components, Continued

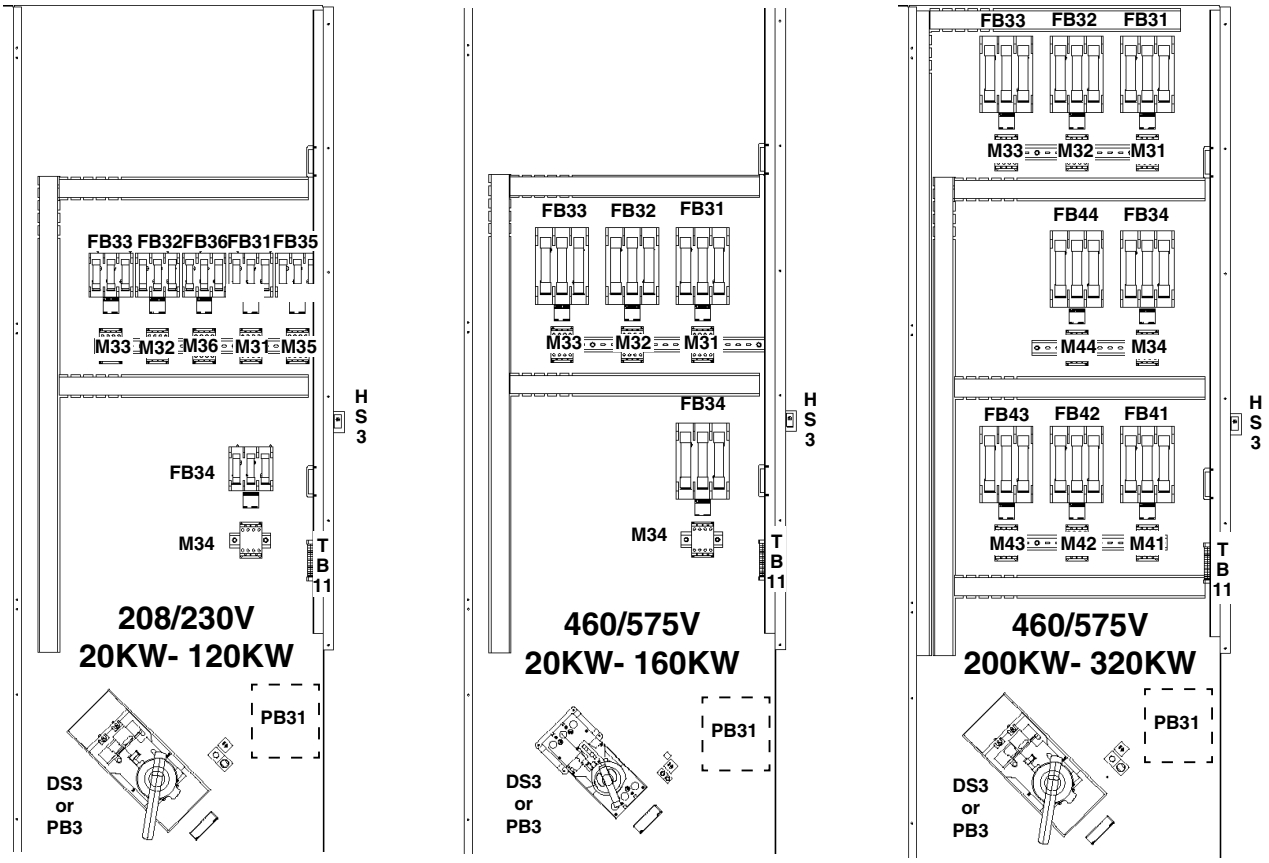
Sch. Sym.	Part Description	Part Number	Heater KW= 160 460V	160 380/575V	200 460V	200 380/575V	240 460V	240 380/575V	280 460V	280 380/575V	320 460V	320 380/575V
FB31	Fuse Block	023780210	1	1	1	1	1	1	1	1	1	1
FB32	Fuse Block	023780210	1	1	1	1	1	1	1	1	1	1
FB33	Fuse Block	023780210	1	1					1	1	1	1
	Fuse Block	023780205			1	1	1	1				
FB34	Fuse Block	023780210	1	1					1	1	1	1
	Fuse Block	023780205			1	1	1	1				
FB41	Fuse Block	023780210									1	1
	Fuse Block	023780205			1	1	1	1	1	1		
FB42	Fuse Block	023780210									1	1
	Fuse Block	023780205			1	1	1	1	1	1		
FB43	Fuse Block	023780210					1	1	1	1	1	1
	Fuse Block	023780205			1	1						
FB44	Fuse Block	023780210					1	1	1	1	1	1
	Fuse Block	023780205			1	1						
F31	Fuse- FB31	025860414	3		3		3		3		3	
	Fuse- FB31	025860413		3		3		3		3		3
F32	Fuse- FB32	025860414	3		3		3		3		3	
	Fuse- FB32	025860413		3		3		3		3		3
F33	Fuse- FB33	025860414	3						3		3	
	Fuse- FB33	025860413		3						3		3
	Fuse- FB33	025860409			3		3					
	Fuse- FB33	025860408				3		3				
F34	Fuse- FB34	025860414	3						3		3	
	Fuse- FB34	025860413		3						3		3
	Fuse- FB34	025860409			3		3					
	Fuse- FB34	025860408				3		3				
F41	Fuse- FB41	025860409			3		3		3			
	Fuse- FB41	025860408				3		3		3		
	Fuse- FB41	025860414									3	
	Fuse- FB41	025860413										3
F42	Fuse- FB42	025860409			3		3		3			
	Fuse- FB42	025860408				3		3		3		
	Fuse- FB42	025860414									3	
	Fuse- FB42	025860413										3
F43	Fuse- FB43	025860409			3							
	Fuse- FB43	025860408				3						
	Fuse- FB43	025860414					3		3		3	
	Fuse- FB43	025860413						3		3		3
F44	Fuse- FB44	025860409			3							
	Fuse- FB44	025860408				3						
	Fuse- FB44	025860414					3		3		3	
	Fuse- FB44	025860413						3		3		3

Section G- Blow-Thru Heat Section

Option 3: Electric Heat— Code 34 first digit = E

Electric Heat Control Box- 3/05 & later

Diagram & Components



DS3- Disconnect Switch [1]— Until 10/06 [2]

Sch. Sym.	Part Description	Amps	Disconnect Switch Component			
			Switch	Handle	Lugs	Ground Lug
DS3	Disconnect Switch	100 Amp	349935101	349935501	349935901 (6)	349938001
	Disconnect Switch	150 Amp	349935102	349935501	349935901 (6)	349938001
	Disconnect Switch	250 Amp	349935201	349935501	349936001 (6)	349938001
	Disconnect Switch	400 Amp	349935301	349935602	349936201 (2)	349938002
	Disconnect Switch	600 Amp	349935302	349935602	349936201 (2)	349938002
	Disconnect Switch	800 Amp	349935403	349935701	349936401 (6)	349938003
	Disconnect Switch	1200 Amp	349935403	349935701	349936501 (6)	349938003

DS3- Disconnect Switch [1]— 1/07 & Later [2]

Sch. Sym.	Part Description	Amps	Disconnect Switch Component			
			Switch	Handle [3]	Shaft	Ground Lug
DS3	Disconnect Switch	100 Amp	349935125	349935523	349962211	349938001
	Disconnect Switch	150 Amp	349935126	349935533	349962212	349938001
	Disconnect Switch	250 Amp	349935226	349935533	349962212	349938001
	Disconnect Switch	400 Amp	349935325	349935622	349962213	349938002
	Disconnect Switch	600 Amp	193438205 [5]	[4, 5]	349962243 [5]	349938002

[1] Disconnects are sized according to various unit specifications. Check installed switch to verify the correct DS3 size.
[2] For units built between 10/1/06 and 12/31/06 contact Daikin McQuay Parts to insure correct switch is ordered.
[3] Includes mechanism (except 600A switch, see footnote 4).
[4] Handle only p/n 349961102; Mechanism only p/n 193455001; Shaft p/n 349961403.
[5] Note that the original disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- 3/05 & later
20- 120KW Components, Continued

Sch. Sym.	Part Description		Part Number	Heater KW= 20 208V	20 230V	20 460V	20 575V	40 208V	40 230V	40 460V	40 575V	60 208V	60 230V	60 460V	60 575V	80 208V	80 230V	80 460V	80 575V	100 208V	100 230V	100 460V	100 575V	120 208V	120 230V	120 460V	120 575V
PB3	Power Block	until 10/06 [3]	030372730	1	1	1	1	1	1	1	1			1	1			1	1			1	1			1	1
	Power Block	until 10/06 [3]	030372744									1	1			1	1			1	1						
	Power Block	until 10/06 [3]	030372752																					1	1		
	Cover- PB3	until 10/06 [3]	349938302	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Power Block	1/07 & later [3]	030372777	1	1	1	1	1	1	1	1			1	1			1	1			1	1			1	1
	Power Block	1/07 & later [3]	030372785									1	1			1	1			1	1			1	1		
PB31	Power Block [4]	1/07 & later [3]																									
	used w/100A, 150A DS3		030372777	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/250A DS3		030372783	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/400A DS3		030372785	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	used w/600A DS3		030372721 [5]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DS3	Disconnect Switch		[2]																								
HS3	Switch		033696300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block	until 10/06 [3]	349930603	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Terminal Block	1/07 & later [3]	349930641	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M31	Contactor	until 10/06 [3]	349932201			1	1			1	1							1	1								
	Contactor	until 10/06 [3]	349932301	1	1			1	1			1	1	1	1	1	1			1	1	1	1	1	1	1	1
M32	Contactor	until 10/06 [3]	349932301					1	1			1	1	1	1	1	1			1	1			1	1	1	1
	Contactor	until 10/06 [3]	349932201							1	1							1	1			1	1				
M33	Contactor	until 10/06 [3]	349932301									1	1			1	1			1	1			1	1		
	Contactor	until 10/06 [3]	349932201															1	1			1	1			1	1
M34	Contactor	until 10/06 [3]	349932301									1	1			1	1			1	1			1	1		
	Contactor	until 10/06 [3]	349932201															1	1			1	1			1	1
M35	Contactor	until 10/06 [3]	349932301																	1	1			1	1		
M36	Contactor	until 10/06 [3]	349932301																					1	1		
M31	Contactor	1/07 & later [3]	349932321			1	1			1	1							1	1								
	Contactor	1/07 & later [3]	349932322	1	1			1	1			1	1	1	1	1	1			1	1	1	1	1	1	1	1
M32	Contactor	1/07 & later [3]	349932322					1	1			1	1	1	1	1	1			1	1			1	1	1	1
	Contactor	1/07 & later [3]	349932321							1	1							1	1			1	1				
M33	Contactor	1/07 & later [3]	349932322									1	1			1	1			1	1			1	1		
	Contactor	1/07 & later [3]	349932321															1	1			1	1			1	1
M34	Contactor	1/07 & later [3]	349932322									1	1			1	1			1	1			1	1		
	Contactor	1/07 & later [3]	349932321															1	1			1	1			1	1
M35	Contactor	1/07 & later [3]	349932322																	1	1			1	1		
M36	Contactor	1/07 & later [3]	349932322																					1	1		

[1] Part number is for one section. The number of sections used is determined by the options installed.
[2] See charts on previous page.
[3] For units built between 10/1//06 and 12/31/06 contact Daikin McQuay Parts to insure correct part is ordered.
[4] Not used when PB3 power block connection is present.
[5] Cover— PB31 used with 600A DS3= p/n 349938345.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- 3/05 & later
20- 120KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW= 20				40				60				80				100				120			
			208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V	208V	230V	460V	575V
FB31	Fuse Block	023780229	1	1			1	1			1	1			1	1			1	1			1	1		
	Fuse Block	023780225			1	1			1	1							1	1								
	Fuse Block	023780230											1	1							1	1			1	1
FB32	Fuse Block	023780229					1	1			1	1			1	1			1	1			1	1		
	Fuse Block	023780225							1	1							1	1			1	1				
	Fuse Block	023780230											1	1											1	1
FB33	Fuse Block	023780229									1	1			1	1			1	1			1	1		
	Fuse Block	023780225															1	1			1	1			1	1
FB34	Fuse Block	023780229									1	1			1	1			1	1			1	1		
	Fuse Block	023780225															1	1			1	1			1	1
FB35	Fuse Block	023780229																	1	1			1	1		
FB36	Fuse Block	023780229																					1	1		
F31	Fuse- FB31	025860514	3	3			3	3																		
	Fuse- FB31	025860511									3															
	Fuse- FB31	025860512										3														
	Fuse- FB31	025860409			3				3								3									
	Fuse- FB31	025860408				3				3								3								
	Fuse- FB31	025860412											3													
	Fuse- FB31	025860411												3												
	Fuse- FB31	025860514													3	3			3	3			3	3		
	Fuse- FB31	025860414																			3				3	
	Fuse- FB31	025860413																				3				3
F32	Fuse- FB32	025860514					3	3																		
	Fuse- FB32	025860511									3															
	Fuse- FB32	025860512										3														
	Fuse- FB32	025860514													3	3			3	3			3	3		
	Fuse- FB32	025860409							3								3				3					
	Fuse- FB32	025860408								3								3				3				
	Fuse- FB32	025860412											3													
	Fuse- FB32	025860411												3												
	Fuse- FB32	025860414																							3	
	Fuse- FB32	025860413																								3
F33	Fuse- FB33	025860511									3															
	Fuse- FB33	025860512										3														
	Fuse- FB33	025860514													3	3			3	3			3	3		
	Fuse- FB33	025860409															3				3				3	
	Fuse- FB33	025860408																3				3				3
	Fuse- FB33	025860412																								
	Fuse- FB33	025860411																								
F34	Fuse- FB34	025860511									3															
	Fuse- FB34	025860512										3														
	Fuse- FB34	025860514													3	3			3	3			3	3		
	Fuse- FB34	025860409															3				3				3	
	Fuse- FB34	025860408																3				3				3
F35	Fuse- FB35	025860514																	3	3			3	3		
F36	Fuse- FB36	025860514																					3	3		

Section G- Blow-Thru Heat Section

Option 3: Electric Heat— Code 34 first digit = E

Electric Heat Control Box- 3/05 & later

160- 320KW Components

Sch. Sym.	Part Description	Part Number	Heater KW= 160 460V	160 575V	200 460V	200 575V	240 460V	240 575V	280 460V	280 575V	320 460V	320 575V
PB3	Power Block until 10/ 06 [3]	030372744	1	1								
	Power Block until 10/ 06 [3]	030372752			1	1	1	1	1	1	1	1
	Cover- PB3 until 10/ 06 [3]	349938302	1	1	1	1	1	1	1	1	1	1
	Power Block 10/ 06 & later [3]	030372785	1	1	1	1	1	1	1	1	1	1
PB31	Power Block [4] 1/07 & later [3]											
	used w/100A, 150A DS3	030372777	1	1	1	1	1	1	1	1	1	1
	used w/250A DS3	030372783	1	1	1	1	1	1	1	1	1	1
	used w/400A DS3	030372785	1	1	1	1	1	1	1	1	1	1
	used w/600A DS3	030372721 [5]	1	1	1	1	1	1	1	1	1	1
DS3	Disconnect Switch	[2]										
HS3	Switch	033696300	1	1	1	1	1	1	1	1	1	1
TB11	Terminal Block until 10/ 06 [3]	349930603	1	1	1	1	1	1	1	1	1	1
	Terminal Block 10/ 06 & later [3]	349930641	1	1	1	1	1	1	1	1	1	1
M31	Contactor until 10/ 06 [3]	349932301	1	1	1	1	1	1	1	1	1	1
M32	Contactor until 10/ 06 [3]	349932301	1	1	1	1	1	1	1	1	1	1
M33	Contactor until 10/ 06 [3]	349932301	1	1					1	1	1	1
	Contactor until 10/ 06 [3]	349932201			1	1	1	1				
M34	Contactor until 10/ 06 [3]	349932301	1	1					1	1	1	1
	Contactor until 10/ 06 [3]	349932201			1	1	1	1				
M41	Contactor until 10/ 06 [3]	349932301									1	1
	Contactor until 10/ 06 [3]	349932201			1	1	1	1	1	1		
M42	Contactor until 10/ 06 [3]	349932301									1	1
	Contactor until 10/ 06 [3]	349932201			1	1	1	1	1	1		
M43	Contactor until 10/ 06 [3]	349932301					1	1	1	1	1	1
	Contactor until 10/ 06 [3]	349932201			1	1						
M44	Contactor until 10/ 06 [3]	349932301					1	1	1	1	1	1
	Contactor until 10/ 06 [3]	349932201			1	1						
M31	Contactor 1/07 & later [3]	349932322	1	1	1	1	1	1	1	1	1	1
M32	Contactor 1/07 & later [3]	349932322	1	1	1	1	1	1	1	1	1	1
M33	Contactor 1/07 & later [3]	349932322	1	1					1	1	1	1
	Contactor 1/07 & later [3]	349932221			1	1	1	1				
M34	Contactor 1/07 & later [3]	349932322	1	1					1	1	1	1
	Contactor 1/07 & later [3]	349932221			1	1	1	1				
M41	Contactor 1/07 & later [3]	349932322									1	1
	Contactor 1/07 & later [3]	349932321			1	1	1	1	1	1		
M42	Contactor 1/07 & later [3]	349932322									1	1
	Contactor 1/07 & later [3]	349932321			1	1	1	1	1	1		
M43	Contactor 1/07 & later [3]	349932322					1	1	1	1	1	1
	Contactor 1/07 & later [3]	349932321			1	1						
M44	Contactor 1/07 & later [3]	349932322					1	1	1	1	1	1
	Contactor 1/07 & later [3]	349932321			1	1						

[1] Part number is for one section. The number of sections used is determined by the options installed.

[2] See chart 3 pages prior.

[3] For units built between 10/1//06 and 12/31/06 contact Daikin McQuay Parts to insure correct part is ordered.

[4] Not used when PB3 power block connection is present.

[5] Cover— PB31 used with 600A DS3= p/n 349938345.

Section G- Blow-Thru Heat Section
Option 3: Electric Heat— Code 34 first digit = E
Electric Heat Control Box- 3/05 & later
160- 320KW Components, Continued

Sch. Sym.	Part Description	Part Number	Heater KW= 160 460V	160 575V	200 460V	200 575V	240 460V	240 575V	280 460V	280 575V	320 460V	320 575V
FB31	Fuse Block	023780230	1	1	1	1	1	1	1	1	1	1
FB32	Fuse Block	023780230	1	1	1	1	1	1	1	1	1	1
FB33	Fuse Block	023780230	1	1					1	1	1	1
	Fuse Block	023780225			1	1	1	1				
FB34	Fuse Block	023780230	1	1					1	1	1	1
	Fuse Block	023780225			1	1	1	1				
FB41	Fuse Block	023780230									1	1
	Fuse Block	023780225			1	1	1	1	1	1		
FB42	Fuse Block	023780230									1	1
	Fuse Block	023780225			1	1	1	1	1	1		
FB43	Fuse Block	023780230					1	1	1	1	1	1
	Fuse Block	023780225			1	1						
FB44	Fuse Block	023780230					1	1	1	1	1	1
	Fuse Block	023780225			1	1						
F31	Fuse- FB31	025860414	3		3		3		3		3	
	Fuse- FB31	025860413		3		3		3		3		3
F32	Fuse- FB32	025860414	3		3		3		3		3	
	Fuse- FB32	025860413		3		3		3		3		3
F33	Fuse- FB33	025860414	3						3		3	
	Fuse- FB33	025860413		3						3		3
	Fuse- FB33	025860409			3		3					
	Fuse- FB33	025860408				3		3				
F34	Fuse- FB34	025860414	3						3		3	
	Fuse- FB34	025860413		3						3		3
	Fuse- FB34	025860409			3		3					
	Fuse- FB34	025860408				3		3				
F41	Fuse- FB41	025860409			3		3		3			
	Fuse- FB41	025860408				3		3		3		
	Fuse- FB41	025860414									3	
	Fuse- FB41	025860413										3
F42	Fuse- FB42	025860409			3		3		3			
	Fuse- FB42	025860408				3		3		3		
	Fuse- FB42	025860414									3	
	Fuse- FB42	025860413										3
F43	Fuse- FB43	025860409			3							
	Fuse- FB43	025860408				3						
	Fuse- FB43	025860414					3		3		3	
	Fuse- FB43	025860413						3		3		3
F44	Fuse- FB44	025860409			3							
	Fuse- FB44	025860408				3						
	Fuse- FB44	025860414					3		3		3	
	Fuse- FB44	025860413						3		3		3

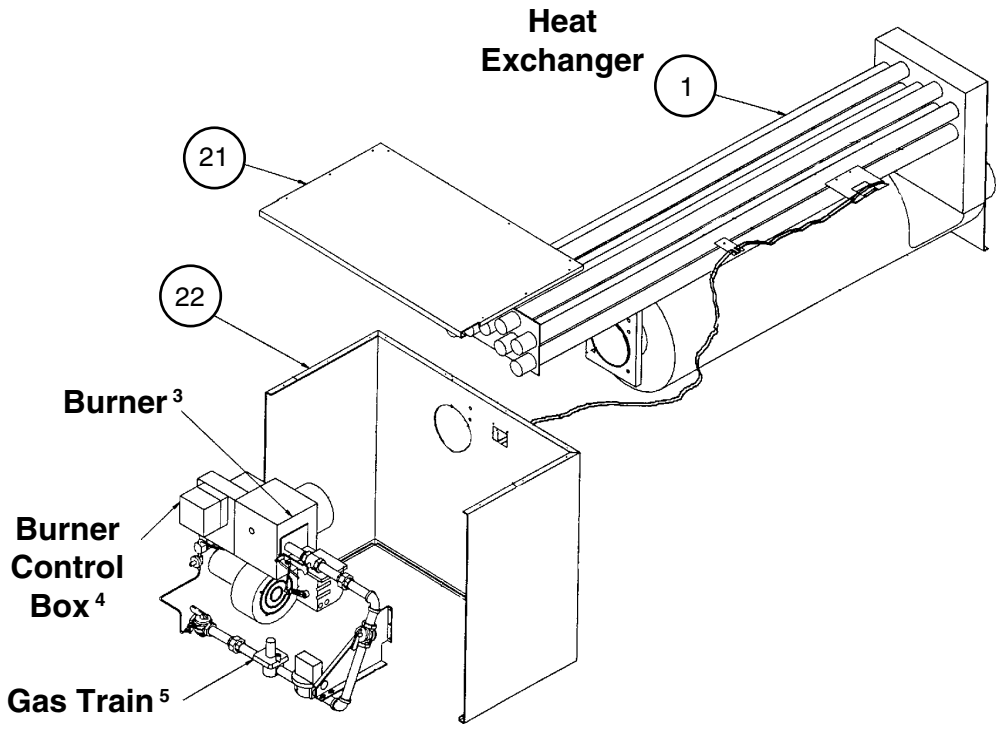
Section G- Blow-Thru Heat Section

Option 4- Gas Heat Code 04= A

Vestibules, Heat Exchangers and Primary Components

500, 640, 650, 790, 800, 1000, 1100, 1400

Code 34= 050**, 064**, 065**, 079**, 080**, 100**, 110**, 140**



Ref No.	Part Description	500/640 MBH	650/790 MBH	800/1000 MBH	1100/1400 MBH	Qty.
1	Heat Exch.- Aluminized Sec. C34= ***A**					
	Until 8/03	055633005 [1]	055633007 [1]	055633009 [1]	055633011 [1]	1
	8/03 & Later	098320633 [2]	098320634 [2]	098320635 [2]	098320636 [2]	1
	Heat Exch.- S.S. Sec. C34= ***S**					
	Until 8/03	055633006 [1]	055633008 [1]	055633010 [1]	055633012 [1]	1
	8/03 & Later	098320656 [2]	098320658 [2]	098320660 [2]	098320662 [2]	1
21	Vestibule	055636326	055636326	055636326	055636326	1
22	Vestibule	055636322	055636323	055636324	055636325	1

[1] This part is no longer available. A replacement kit is required when replacing. Contact Daikin McQuay Parts to insure correct kit is ordered.

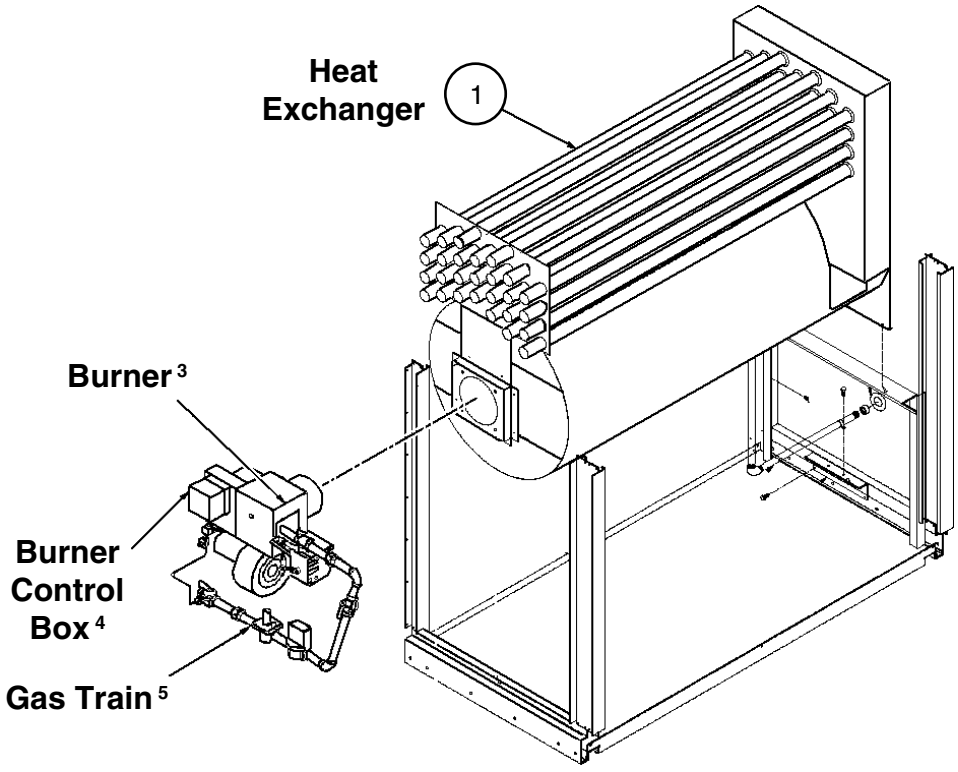
[2] High Turn Down furnaces (Code 34= ****H*, ****T* or ****U*) only use Stainless Steel Heat Exchangers (Code 34= ***S**).

[3] Parts detail follows this section.

[4] Parts detail follows Burner section.

[5] Parts detail follows Burner Control Box section.

Section G- Blow-Thru Heat Section
Option 4- Gas Heat Code 04= A
Vestibules, Heat Exchangers and Primary Components
1500, 2000
Code 34= 150***, 200***



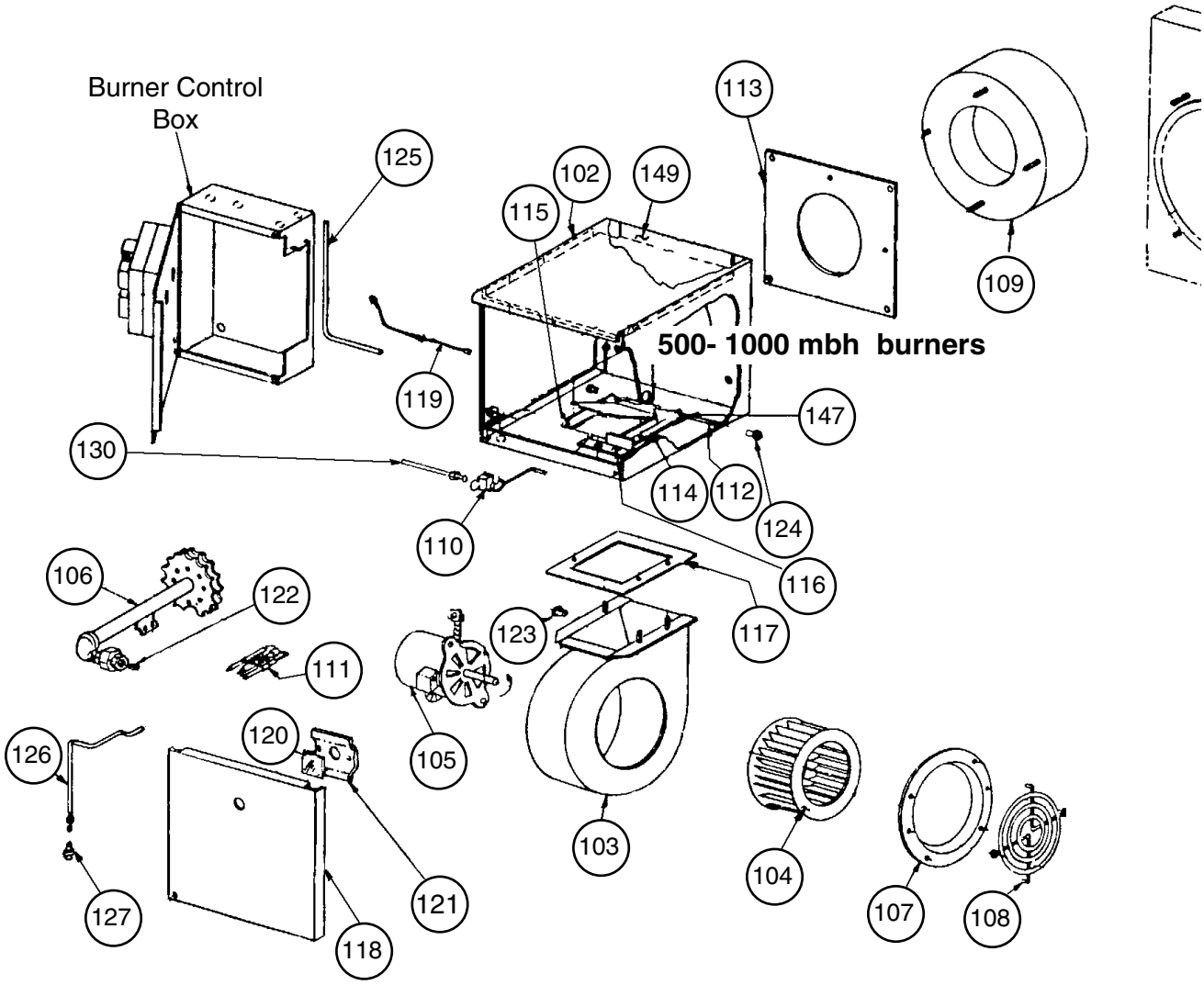
Ref No.	Part Description		1500/2000 MBH	Qty.
1	Heat Exchanger- Aluminized Secondary	C34= ***A**		
	Until 8/03		055633013 [1]	1
	8/03 & Later		098320637 [2]	1
	Heat Exchanger- Stainless Steel Secondary	C34= ***S**		
	Until 8/03		055633014 [1]	1
	8/03 & Later		098320664 [2]	1

[1] This part is no longer available. A replacement kit is required when replacing. Contact Daikin McQuay Parts to insure correct kit is ordered.

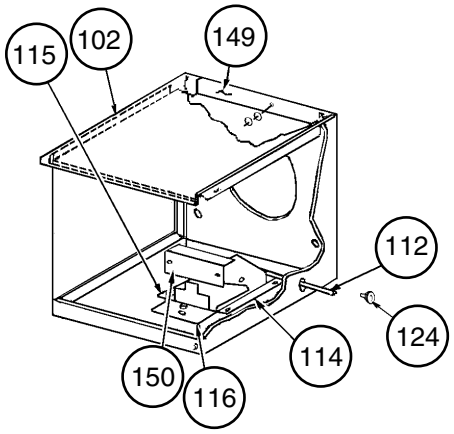
[2] High Turn Down furnaces (Code 34= ****H*, ****T* or ****U*) only use Stainless Steel Heat Exchangers (Code 34= ***S**).

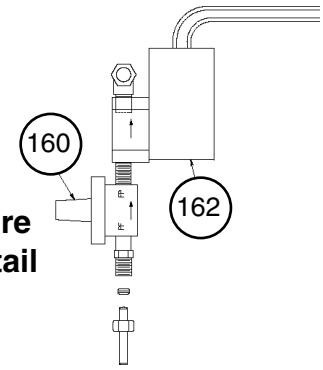
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Modulating or Single Stage Burner:
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*
Diagrams



Housing Detail:1100- 2000 mbh burners





Pilot Valve/ Pressure Regulator Assy Detail

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Modulating or Single Stage Burner:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*

Components

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
102	Burner Housing			
	500- 1000 MBH Furnace	059362302	059362302	1
	1100- 2000 MBH Furnace	066673702	066673702	1
103	Scroll			
	500- 1000 MBH Furnace	035740701	035740701	1
	1100- 2000 MBH Furnace	035740901	035740901	1
104	Wheel- .5” bore, CCW			
	500- 1000 MBH Furnace	034861102	034861102	1
	1100- 1500 MBH Furnace	034249005	034249005	1
	2000 MBH Furnace	034249004	034249004	1
105	Motor			
	500- 1000 MBH Furnace	034249200	034249200	1
	1100- 1500 MBH Furnace	032248600	032248600	1
	2000 MBH Furnace	032248400	032248400	1
106	Gun Assembly:			
	500 MBH Furnace	034880001	034880001	1
	640, 650 MBH Furnace	034880002	034880002	1
	790, 800 MBH Furnace	034880003	034880003	1
	1000 MBH Furnace	034880004	034880004	1
	1100 MBH Furnace	035721001	035721001	1
	1400 MBH Furnace	035721002	035721002	1
	1500 MBH Furnace	035721003	035721003	1
	2000 MBH Furnace	036235700	036235700	1
107	Inlet Funnel			
	500- 1000 MBH Furnace	034743101	034743101	1
	1100- 2000 MBH Furnace	034743102	034743102	1
108	Fan Guard	034742800	034742800	1
109	Blast Tube:			
	500 - 650 MBH Furnace	034101703	034101703	1
	790 - 1000 MBH Furnace	034101707	034101707	1
	1100, 1400 MBH Furnace	034101706	034101706	1
	1500, 2000 MBH Furnace	035164701	035164701	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Modulating or Single Stage Burner:
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
110	Pilot Mixer			
	500 - 1000 MBH Furnace	036516401	036516401	1
	1100 - 2000 MBH Furnace	036516402	036516402	1
111	Pilot Assembly	035019600	035019600	1
112	Damper Assembly			
	500 - 1000 MBH Furnace	035721501	048791401	1
	1100 - 2000 MBH Furnace	035721502	048791402	1
113	Blast Tube Gasket			
	500 - 1000 MBH Furnace	034102000	034102000	1
	1100, 1400 MBH Furnace	034101900	034101900	1
	1500, 2000 MBH Furnace	034101900	034101900	2
114	Right Side Damper:			
	500 MBH Furnace	058594301	058594301	1
	640 MBH Furnace	058595201	058595201	1
	650 - 1000 MBH Furnace	058594501	058594501	1
	1100 MBH Furnace	059366301	059366301	1
	1400 MBH Furnace	059366201	059366201	1
	1500, 2000 MBH Furnace	059365501	059365501	1
115	Left Side Damper:			
	500, 640 MBH Furnace	058595001	058595001	1
	650 - 1000 MBH Furnace	058594401	058594401	1
	1100 MBH Furnace	059366501	059366501	1
	1400 MBH Furnace	059366401	059366401	1
	1500, 2000 MBH Furnace	059365101	059365101	1
116	Slide Damper:			
	500 MBH Furnace	058594805	058594815	1
	640 MBH Furnace	058594806	058594816	1
	650 MBH Furnace	058594807	058594817	1
	790 MBH Furnace	058594808	058594818	1
	800 MBH Furnace	058594809	058594819	1
	1000 MBH Furnace	058594810	058594820	1
	1100 MBH Furnace	058594831	058594831	1
	1400 MBH Furnace	058594837	058594837	1
	1500 MBH Furnace	058594843	058594843	1
	2000 MBH Furnace	058594849	058594849	1
117	Blower Gasket	035019500	035019500	1
118	Burner Cover			
	500- 1000 MBH Furnace	033972100	033972100	1
	1100- 2000 MBH Furnace	033972101	033972101	1
119	Ignition Assembly			
	500- 1000 MBH Furnace	034742900	034742900	1
	1100- 2000 MBH Furnace	036518500	036518500	1
120	Glass Cover	036557000	036557000	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Modulating or Single Stage Burner:
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
121	Glass Cover Support	036009600	036009600	1
122	Orifice:			
	500 MBH Furnace	058599101	058599101	1
	640 MBH Furnace	058599102	058599102	1
	650 MBH Furnace	058599103	058599103	1
	790 MBH Furnace	058599104	058599104	1
	800 MBH Furnace	058599104	058599104	1
	1000 MBH Furnace	058599201	058599201	1
	1100 MBH Furnace	059364601	059364601	1
	1400 MBH Furnace	059364602	059364602	1
	1500 MBH Furnace	059364603	059364603	1
123	Clip	034919400	034919400	1
124	Flange Bearing	034252000	034252000	2
125	Air Switch Tube			
	500- 1000 MBH Furnace	034102801	034102801	1
	1100- 2000 MBH Furnace	034102701	034102701	1
126	Pilot Burner Tube:			
	500 - 1000 MBH Furnace	036236100	036236100	1
	1100, 1400 MBH Furnace	036236200	036236200	1
	1500, 2000 MBH Furnace	036519900	036519900	1
127	Compression Fitting	034097500	034097500	1
130	Pilot Tube	034102601	034102601	1
147	Torsion Spring	not used	037528600	1
149	Burner Box Baffle:			
	500 - 1000 MBH Furnace	058597902	058597902	1
	1100- 2000 MBH Furnace	059365801	059365801	1
150	Damper, Slide- Top			
	1100 MBH Furnace	058594830	not used	1
	1400 MBH Furnace	058594836	not used	1
	1500 MBH Furnace	058594842	not used	1
	2000 MBH Furnace	058594848	not used	1
160	Valve- Pressure Regulator	034077600	034077600	1
162	Valve- Solenoid	034488400	034488400	1

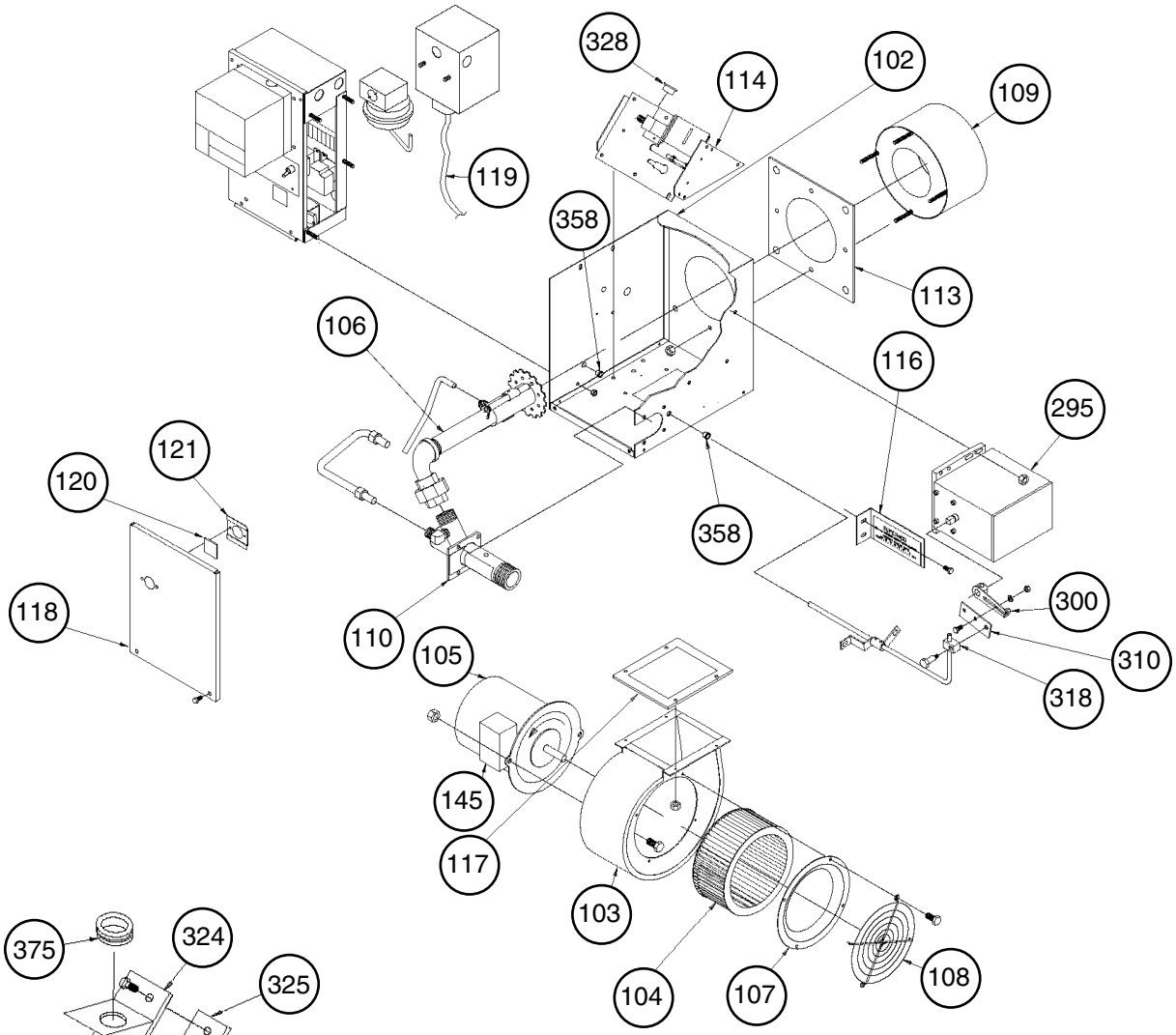
Section G- Blow-Thru Heat Section

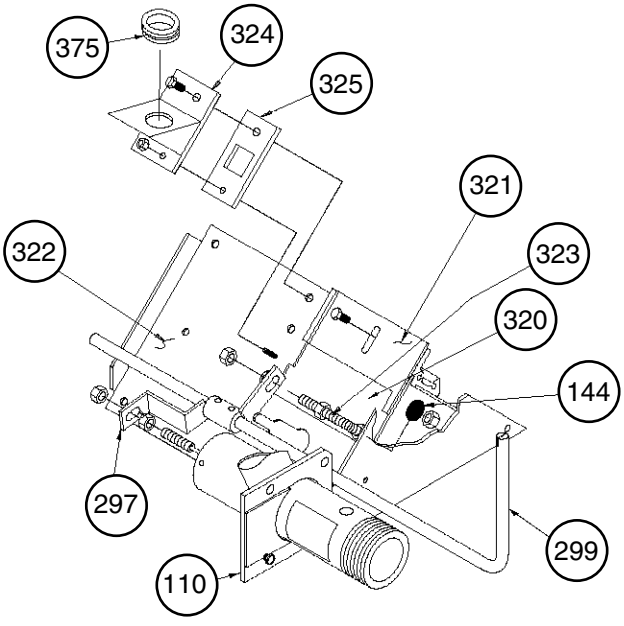
Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner:

Code 34= ****H*, ****T*, ****U*

Diagrams





Detail: Orifice, Control Rod, Control Arm, Linkage, Plate

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner
Code 34= ****H*, ****T*, ****U*
Components

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
102	Burner Housing			
	500- 1000 MBH Furnace	059862103	059862103	1
	1100- 2000 MBH Furnace	059862133	059862133	1
103	Scroll			
	500 thru 800 MBH Furnace	096434806	096434806	1
	1000- 2000 MBH Furnace	059862136	059862136	1
104	Wheel- .5” bore, CCW			
	500- 800 MBH Furnace	034861102	034861102	1
	1000- 1500 MBH Furnace	034249005	034249005	1
	2000 MBH Furnace	034249004	034249004	1
105	Motor- .25 HP, 115/60/1			
	500- 800 MBH Furnace	034249200	034249200	1
	1000- 1500 MBH Furnace	032248600	032248600	1
	2000 MBH Furnace	032248400	032248400	1
106	Gun Assembly:			
	500 MBH Furnace	096414805	096414805	1
	640, 650 MBH Furnace	096414806	096414806	1
	790, 800 MBH Furnace	096414808	096414808	1
	1000 MBH Furnace	096414810	096414810	1
	1100 MBH Furnace	096414811	096414811	1
	1400 MBH Furnace	096414812	096414812	1
	1500 MBH Furnace	096414813	096414813	1
	2000 MBH Furnace	096414814	096414814	1
107	Inlet Funnel			
	500- 800 MBH Furnace	034743101	034743101	1
	1000- 2000 MBH Furnace	034743102	034743102	1
108	Fan Guard	034742800	034742800	1
109	Blast Tube:			
	500, 640 MBH Furnace	034101703	034101707	1
	650 - 1000 MBH Furnace	034101707	034101707	1
	1100, 4000 MBH Furnace	034101706	034101706	1
	1500, 2000 MBH Furnace	035164701	035164701	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner
Code 34= ****H*, ****T*, ****U*
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
110	Orifice Assembly			
	500 MBH Furnace	096414705	096414725	1
	640 MBH Furnace	096414706	096414726	1
	650 MBH Furnace	096414707	096414727	1
	790 & 800 MBH Furnace	096414708	096414728	1
	1000 MBH Furnace	096414710	096414730	1
	1100 MBH Furnace	096414711	096414731	1
	1400 MBH Furnace	096414712	096414732	1
	1500 MBH Furnace	096414712	096414733	1
	2000 MBH Furnace	096414714	096414734	1
113	Gasket- Blast Tube			
	500- 1000 MBH Furnace	034102000	034102000	1
	1100- 2000 MBH Furnace	034101900	034101900	1
114	Air Box Assy			
	500- 1000 MBH Furnace	059862112	059862112	1
	1100- 2000 MBH Furnace	059862142	059862142	1
116	Plate- Actuator Scale	059645001	059645001	1
117	Gasket- Blower	035019500	035019500	1
118	Panel- Burner Box Cover			
	500- 1000 MBH Furnace	059388501	059388501	1
	1100- 2000 MBH Furnace	059649401	059649401	1
119	Ignition Wire Assy			
	500- 1000 MBH Furnace	034742902	034742902	1
	1100- 2000 MBH Furnace	036518500	036518500	1
120	Glass Cover- Burner	036557000	036557000	1
121	Support- Glass Cover	036009600	036009600	1
144	Grommet- Flat	060017701	060017701	1
145	Box- Conduit (500- 800 MBH only)	036558800	036558800	1
295	Motor- Actuator			
	Until 3/01	047936110	047936110	1
	3/01 & Later	111047701	111047701	1
297	Control Arm			
	500- 1000 MBH Furnace	059862114	059862114	1
	1100- 2000 MBH Furnace	059862144	059862144	1
299	Control Rod			
	500- 1000 MBH Furnace	059861101	059861101	1
	1100- 2000 MBH Furnace	059650501	059650501	1
300	Crank Arm			
	500- 1000 MBH Furnace	059645101	059645101	1
	1100- 2000 MBH Furnace	023463200	023463200	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner
Code 34= ****H*, ****T*, ****U*
Components, Continued

Ref No.	Part Description	Burner Approval Code		Qty.
		C07=EU, EF, EI UL/ETL	C07= CC, CD CSA	
310	Extension- Crank Arm	059862110	059862110	1
318	Bushing- Control Rod	059861301	059861301	1
320	Linkage	096414901	096414901	1
321	Plate- Adjustable			
	500 MBH Furnace	060086401	096422901	1
	640 MBH Furnace	096417701	096417801	1
	650 MBH Furnace	096416301	096416301	1
	790 MBH Furnace	060097101	060097101	1
	800 MBH Furnace	060097101	096422701	1
	1000 MBH Furnace	060092401	060097301	1
	1100 MBH Furnace	096422501	096422501	1
	1400 MBH Furnace (until 7/06)	096422101	096422101	1
	1400 MBH Furnace (7/06 & later)	096420201	096420201	1
	1500 MBH Furnace	096420201	096420201	1
	2000 MBH Furnace	096420301	096420301	1
322	Plate- Profile			
	500 MBH Furnace	060086101	060086101	1
	640 MBH Furnace	096417901	096417901	1
	650 MBH Furnace	096415301	096418001	1
	790 MBH Furnace	096416501	096416501	1
	800 MBH Furnace	060096901	060097001	1
	1000 MBH Furnace	060092601	060097201	1
	1100 MBH Furnace	059648801	096422401	1
	1400 MBH Furnace	096422201	096422301	1
	1500 MBH Furnace	096419801	096419901	1
	2000 MBH Furnace	096419701	096420001	1
323	Plate- Slide Damper			
	500 MBH Furnace	060086301	060086301	1
	640, 650 MBH Furnace	096417601	096417601	1
	790, 800, 1000 MBH Furnace	060092501	060092501	1
	1100, 1400, 1500 MBH Furnace	059649201	059649201	1
	2000 MBH Furnace	096420401	096420501	1
324	Box- Air			
	500- 1000 MBH Furnace	060092201	060092201	1
	1100- 2000 Furnace	060092202	060092202	1
325	Gasket- Air Box			
	500- 1000 MBH Furnace	060092301	060092301	1
	1100- 2000 Furnace	096421701	096421701	1
328	Grommet	000498100	000498100	1
358	Bearing- Sleeve	046761000	046761000	2
375	Grommet			
	500- 1000 MBH Furnace	059988700	059988700	1
	1100- 2000 Furnace	059988800	059988800	1

Section G- Blow-Thru Heat Section

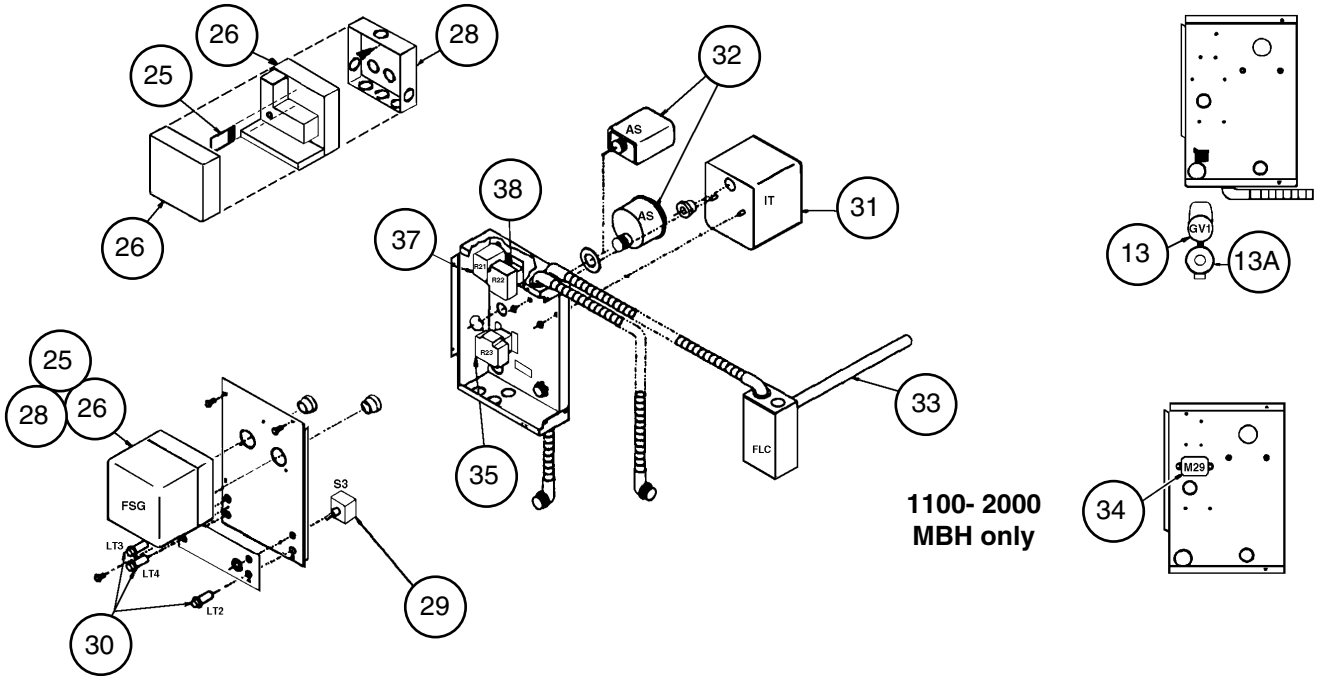
Option 4- Gas Heat: Code 04= A

Single Stage or Modulating Burner Controls:

Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*

MicroTech Controls (Code 12= 1M, 2M, 3M, 4M, 5M or YM)

Until 6/95

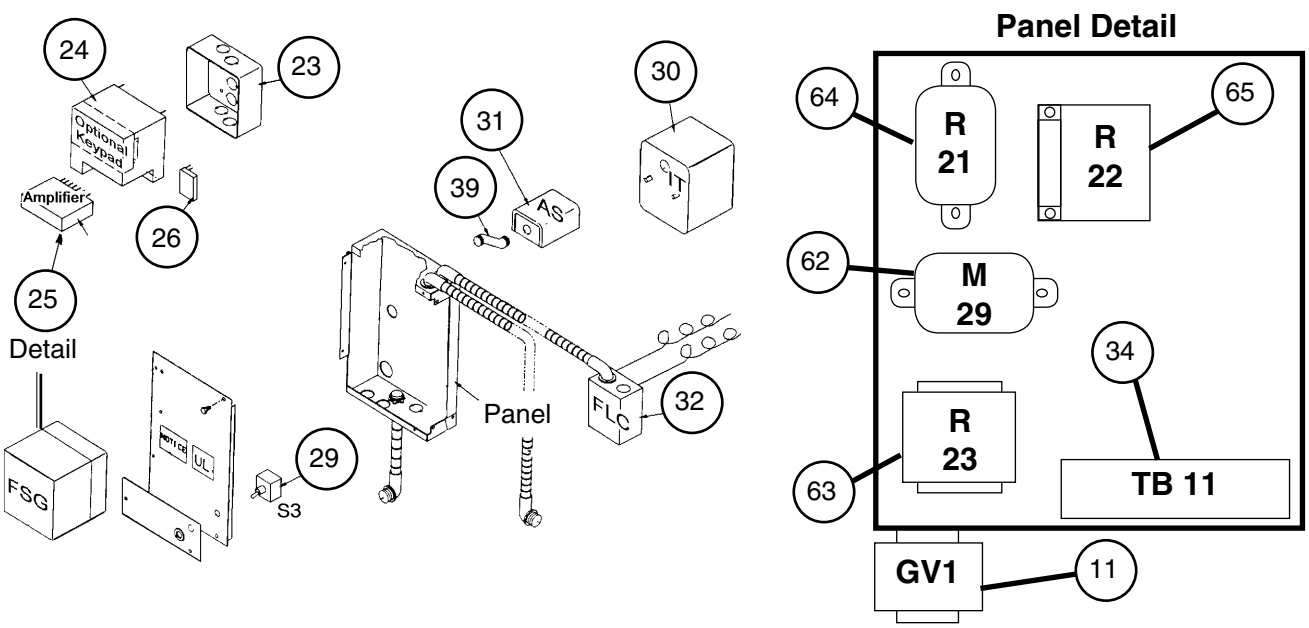


Ref. No.	Sch. Sym.	Part Description	Furnace MBH		Qty.
			500- 1000	1100- 2000	
13	GV1	Valve- Gas Solenoid	034488400	034488400	1
13A		Valve- Pressure Regulator	034077600	034077600	1
25	FSG	Timer- Flame Safeguard, 90 Second			
		Modulating Burners/ UL Units	065824402	065824402	1
	FSG	Timer- Flame Safeguard, 30 Second			
		Modulating Burners/ CSA Units	065824401	065824401	1
		All Single Stage Burners	065824401	065824401	1
26	FSG	Flame Safeguard- Less Timer	065824201	065824201	1
28		Subbase- Flame Safeguard	065824301	065824301	1
29	S3	Switch- Furnace On/Off	033536700	033536700	1
30	LT2	Light- Furnace On	034251301	034251301	1
30	LT3	Light- Pilot Gas Valve On	034251301	034251301	1
30	LT4	Light- Main Gas Valve On	034251301	034251301	1
31	IT	Transformer- Ignition, 180 KVA	034482600	034482600	1
32	AS	Switch- Air Pressure, Blower	033003800	033003800	1
33	FLC	Control- Fan Limit	034082100	034082100	1
34	M29	Relay- Motor [1]		027400700	1
35	R23	Relay- Gas Heat Modulating Valve	044465500	044465500	1
37	R21	Relay- Gas Heat, 100% Outside Air, SPST	027400700	027400700	1
38	R22	Relay- Gas Heat, 100% Outside Air, DPDT	019643000	019643000	1

[1] 1100- 2000 MBH units only.

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner Controls:
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*
MicroTech Controls (Code 12= 1M, 2M, 3M, 4M, 5M or YM)
7/95 to 1/01



Ref No.	Sch. Sym.	Part Description	Furnace MBH: 500- 1000	Furnace MBH: 1100- 2000	Qty.
11	GV1	Pressure Reg. Assy	039742000	039742000	1
		Valve Only	034077600	034077600	1
		Solenoid Valve	034488400	034488400	1
23		Flame Safeguard Subbase	073300701	073300701	1
24	FSG	Flame Safeguard- FSG	073300801	073300801	1
25		Amplifier- FSG	073300901	073300901	1
26		Flame Safeguard T.D. 90 Sec.			
		Modulating Burner/UL Units	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec.			
		Modulating Burner/CSA	073301001	073301001	1
		All Single Stage Burners	073301001	073301001	1
29	S3	Toggle Switch- 4PST	033536700	033536700	1
30	IT	Ignition Transformer	034482600	034482600	1
31	AS	Air Switch- Gas Burner	033003800	033003800	1
32	FLC	Fan Limit Control	073337102	073337102	1
34	TB11	Terminal Block- 9 Pole	015998109	015998109	1
39		Fitting	067297701	067297701	1
62	M29	Contactor- Motor	not used	027400700	1
63	R23	Pilot Relay- DPDT	044465500	044465500	1
64	R21	Relay- 100% O.A. (C12= A*)	027400700[1]	027400700[1]	1
65	R22	Relay- 100% O.A. (C12= A*)	019643000[1]	019643000[1]	1

[1] Used on CSA (C07= CC or CD) units only.

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

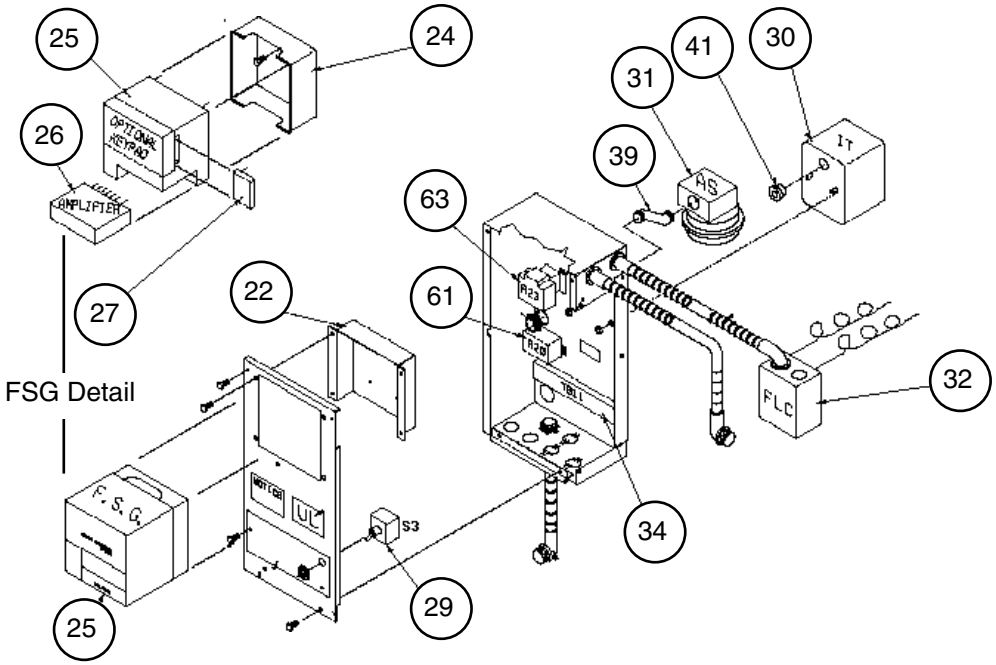
Single Stage or Modulating Burner Controls:

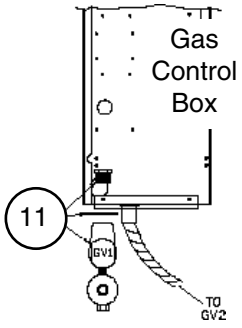
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*

MicroTech II or No Controls (C12= LD, LS, BD, BS, ED, ES, SD, SS, YM, YC)

Diagram

1/01 & Later





Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner Controls:
Code 34= ****A*, ****P*, ****Q*, ****E*, ****R*, ****S*
MicroTech II or No Controls (C12= LD, LS, BD, BS, ED, ES, SD, SS, YM, YC)
Components
1/01 & Later

Ref No.	Sch. Sym.	Part Description	Furnace MBH: 200/250	320	400- 1000	Qty.
11	GV1	Pressure Reg. Assy	061530300	061530300	039742000	1
		Valve Only	034077600	034077600	034077600	1
		Manual Cock Valve	034077300	034077300	not used	1
		Solenoid Valve	not used	not used	034488400	1
22		Support	059388701	059388701	not used	1
24		Flame Safeguard Subbase	073300702	073300702	073300702	1
25	FSG	Flame Safeguard until 4/07	073300801	073300801	073300801	1
		Flame Safeguard 4/07 & later	073300803	073300803	073300803	1
26		Amplifier	073300901	073300901	073300901	1
27		Flame Safeguard T.D. 90 Sec.				
		Modulating Burner/UL Units	073301002	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec.				
		Modulating Burner/CSA	073301001	073301001	073301001	1
		All Single Stage Burners	073301001	073301001	073301001	1
29	S3	Toggle Switch- 4PST	033536700	033536700	033536700	1
30	IT	Ignition Transformer	034482600	034482600	034482600	1
31		Air Switch- Gas Burner	033003800	033003800	033003800	1
32	FLC	Fan Limit Control until 9/08	073337102	073337102	073337102	1
		Fan Limit Control 9/08 & later	193423703	193423703	193423703	1
34	TB11	Terminal Block- 14 Pole	015998114	015998114	015998114	1
39		Fitting	067297701	067297701	067297701	1
41		Bushing	001242600	001242600	001242600	1
61	R20	Relay (Before 1/10)	061019403	061019403	061019403	1
N/S	R20A	Relay (After 1/10)	349934764	349934764	349934764	1
N/S		Relay Socket	349964702	349964702	349964702	1
63	R23	Pilot Relay (Before 1/10) [1]	019643000	019643000	019643000	1
N/S	R23A	Pilot Relay (After 1/10, ETL only)	349934764	349934764	349934764	1
N/S		Mounting Adapter	349964702	349964702	349964702	1
N/S	R23B	Pilot Relay (After 1/10)	193454702	193454702	193454702	1
N/S		Relay Socket	193454801	193454801	193454801	1

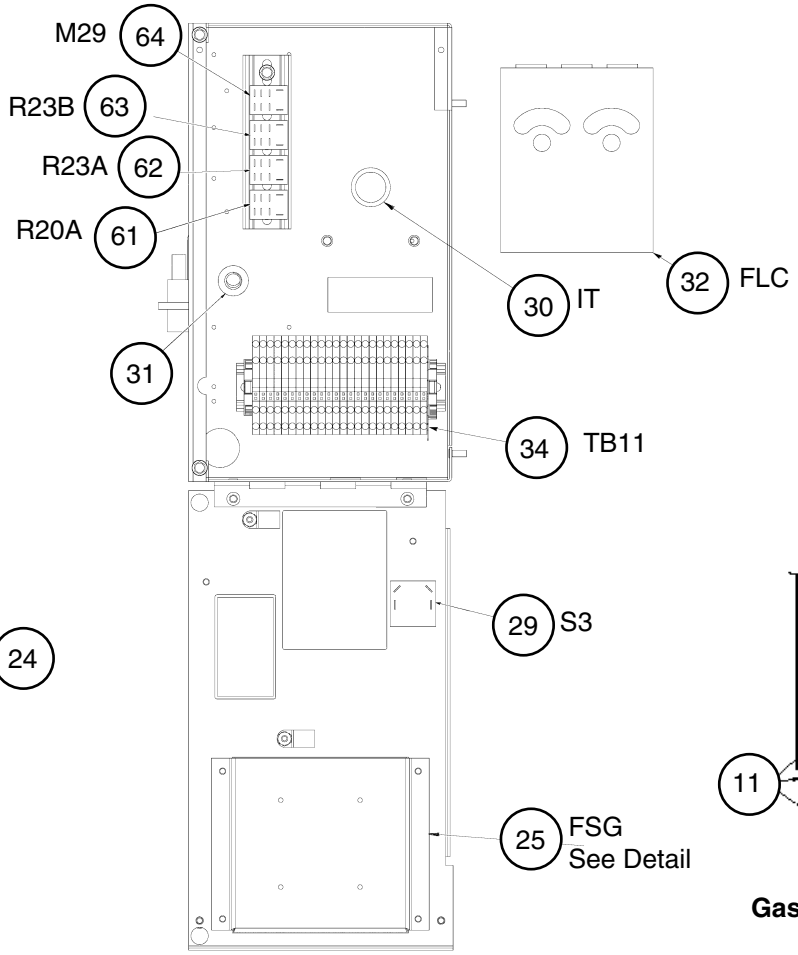
[1] Modulating Burner only (Code 34= ****E, ****R, ****S). For units built before 5/08, use p/n 044465500.

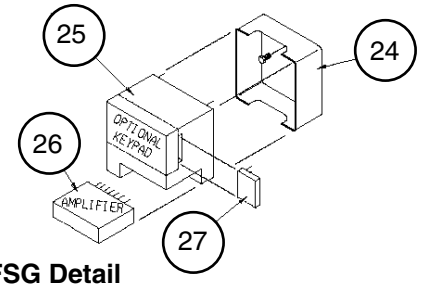
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

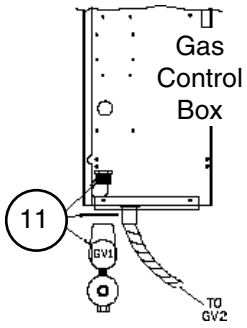
Modulating Burner Controls: Code 34= ****E*, ****R*, ****S*

MicroTech III Controls (Code 12= LE, LF, BE, BF, EE, EF, SE, SF)





FSG Detail



Gas Valve Detail

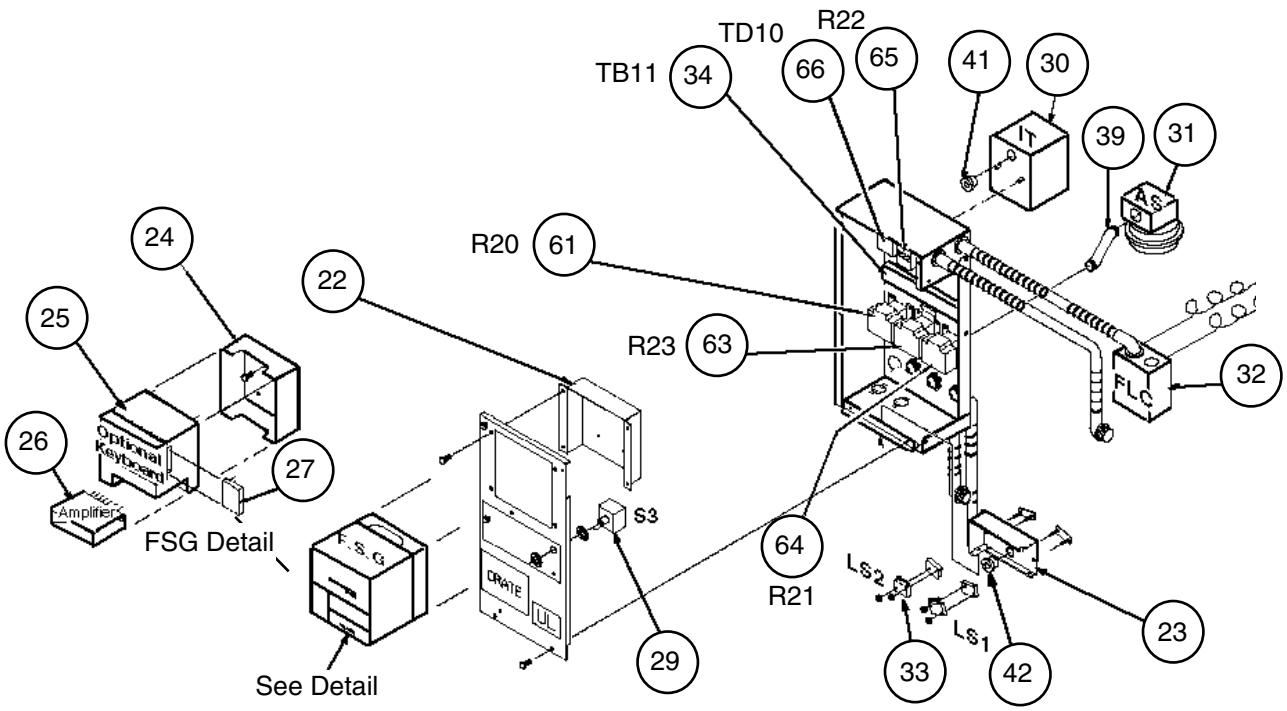
Ref No.	Sch. Sym.	Part Description		Furnace MBH: 500- 1000	Furnace MBH: 1100- 2000	Qty.
11	GV1	Pressure Reg. Assy		039742000	039742000	1
		Valve Only		034077600	034077600	1
		Solenoid Valve		034488400	034488400	1
24		Flame Safeguard Subbase		073300702	073300702	1
25	FSG	Flame Safeguard		073300803	073300803	1
26		Amplifier		073300901	073300901	1
27		Flame Safeguard T.D. 90 Sec.	UL Units	073301002	073301002	1
		Flame Safeguard T.D. 30 Sec.	CSA Units	073301001	073301001	1
29	S3	Toggle Switch- 4PST: S3		033536700	033536700	1
30	IT	Ignition Transformer		034482600	034482600	1
31	AS	Air Switch- Gas Burner		033003800	033003800	1
32	FLC	Fan Limit Control		193423703	193423703	1
34	TB11	Terminal Block- 14 Pole		015998114	015998114	1
		Jumper- Terminal Block		001354100	001354100	1
61	R20A	Relay- High Amp	DPDT/120V	349934764	349934764	1
62	R23A	Relay- High Amp	DPDT/120V	349934764	349934764	1
63	R23B	Relay- Low Amp	DPDT/120V	193424341	193424341	1
64	M29	Contactor- Motor	DPDT/120V	not used	349934764	1

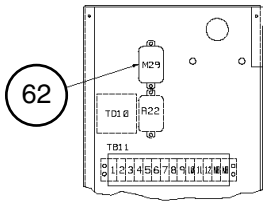
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U*

MicroTech II or No Controls (C12= _D, _S or YM)





1100- 2000 MBH
Panel Detail

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U*
MicroTech II or No Controls (C12= _D, _S or YM)
Components

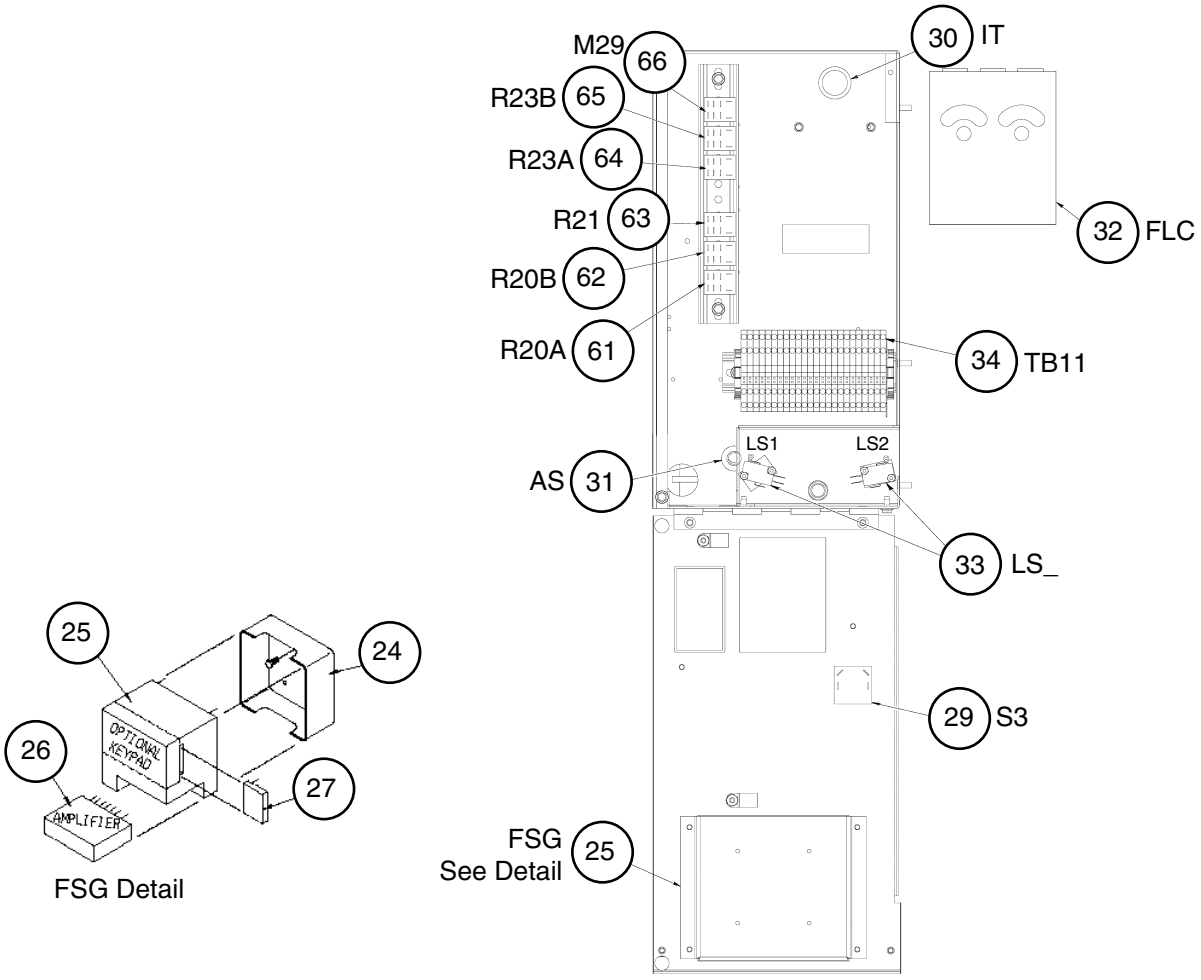
Ref No.	Sch. Sym.	Part Description	Furnace MBH 500- 1000	Furnace MBH 1100- 2000	Qty.
22		Support	059388701	059388701	1
23		Support	059388601	059649701	1
24		Subbase- Flame Safeguard	073300702	073300702	1
25	FSG	Control- Flame Safeguard	073300801	073300801	1
26		Amplifier	073300901	073300901	1
27		Time Delay- Flame Safeguard	073301003	073301003	1
29	S3	Switch- Toggle	033536700	033536700	1
30	IT	Transformer- Ignition	034482600	034482600	1
31	AS	Switch- Air	033003800	033003800	1
32	FLC	Control- Fan Limit until 9/08	073337102	073337102	1
		Control- Fan Limit 9/08 & later	193423703	193423703	1
33	LS1/LS2	Switch- Limit	059975301	059975301	2
34	TB11	Terminal Block	015998114	015998114	1
39		Fitting	067297701	067297701	1
41		Bushing	001242600	001242600	1
42		Bushing	049751901	049751901	1
61	R20	Relay			
		120V/DPDT- MicroTech Units until 1/01	019643000	019643000	1
		24V/DPDT- MicroTech II Units 1/01 and later	016508002	016508002	1
N/S	R20A	Relay 120V (After 1/10)	349934764	349934764	1
N/S		Mounting Adapter	349964702	349964702	1
N/S	R20B	Relay 120V (After 1/10)	193454702	193454702	1
		Relay Socket	193454801	193454801	1
62	M29	Contactor- Motor	not used	027400700	1
63	R23	Relay- 120V/DPDT (Before 3/10)	019643000	019643000	1
N/S	R23B	Relay- 120VSPST (After 3/10)	193454702	193454702	1
		Relay Socket	193454801	193454801	1
64	R21	Relay- 120V/DPDT (Before 3/10)	019643000	019643000	1
64	R21	Relay- 120V/DPDT (After 3/10)	193454702	193454702	1
		Relay Socket	193454801	193454801	1
65	R22	Relay- 120VSPST (Before 3/10)	027400700	027400700	1
65	R22	Relay- 120VSPST (After 3/10)	349964764	349964764	1
N/S		Mounting Adapter	349964702	349964702	1
66	TD10	Relay- Time Delay 20.0 Sec.	028210106	028210106	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A

Hi Turn Down Burner Controls: Code 34= ****H*, ****T*, ****U*

MicroTech III Controls (C12= _E, _F)



Ref No.	Sch. Sym.	Part Description	Furnace MBH 500- 1000	Furnace MBH 1100- 2000	Qty.
24		Subbase- Flame Safeguard	073300702	073300702	1
25	FSG	Control- Flame Safeguard	073300801	073300801	1
26		Amplifier	073300901	073300901	1
27		Time Delay- Flame Safeguard	073301002	073301002	1
29	S3	Switch- Toggle	033536700	033536700	1
30	IT	Transformer- Ignition	034482600	034482600	1
31	AS	Switch- Air	033003800	033003800	1
32	FLC	Control- Fan Limit	193423703	193423703	1
33	LS1/LS2	Switch- Limit	059975301	059975301	2
34	TB11	Terminal Block	015998114	015998114	1
		Jumper- Terminal Block	001354100	001354100	1
61	R20A	Relay- High Amp DPDT/120V	349934764	349934764	1
62	R20B	Relay- Low Amp DPDT/120V	193424341	193424341	1
63	R21	Relay- Low Amp DPDT/120V	193424341	193424341	1
64	R23A	Relay- High Amp DPDT/120V	not used	349934764	1
65	R23B	Relay- Low Amp DPDT/120V	not used	193424341	1
66	M29	Relay- High Amp DPDT/120V	not used	349934764	1

Section G- Blow-Thru Heat Section

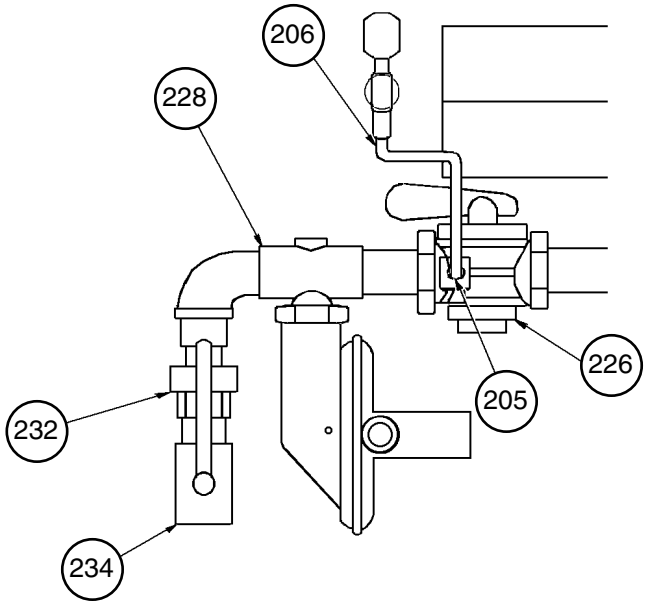
Option 4- Gas Heat: Code 04= A

Single Stage or Modulating Burner:

Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*

Gas Train- Inlet

Until 6/96

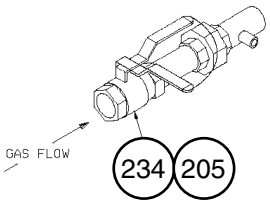


Ref. No.	Heat Exch. Size/MBH	Part Description	Part Number	Qty.
205	500- 2000	Valve- Manual, Gas	034077300	1
206	500- 2000	Tube	036517130	1
226	500	Shut off Valve- 1.00” NPT	034077102	1
	640- 1000	Shut off Valve- 1.25” NPT	034077103	1
	1100- 1500	Shut off Valve- 1.50” NPT	034490205	1
	2000	Shut off Valve- 2.00” NPT	034490206	1
228	500	Regulator Valve- 1.00” NPT .31 Orifice	036619914	1
	640, 650	Regulator Valve- 1.25” NPT .38 Orifice	036619923	1
	790, 800	Regulator Valve- 1.25” NPT .50 Orifice	036619922	1
	1000, 1100	Regulator Valve- 1.25” NPT .62 Orifice	036619921	1
	1500, 2000	Regulator Valve- 1.25 NPT .50 Vent	034077900	1
232	500	Union- 1.00” NPT	027666800	1
	640- 1500	Union- 1.25” NPT	030731000	1
	2000	Union- 2.00” NPT	031318500	1
234	500	Shut off Valve- 1.00” NPT	046747803	1
	640- 2000	Shut off Valve- 1.25” NPT	046747804	1

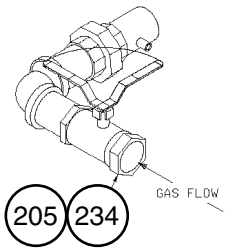
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner:
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*
Gas Train- Inlet
6/96 & later

Units without Pressure Regulator Valve:
C34= ****A* or ****E*



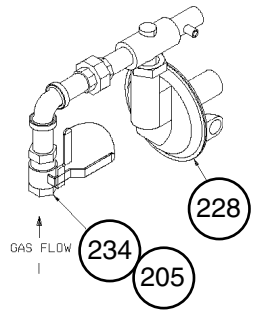
500- 1500 MBH



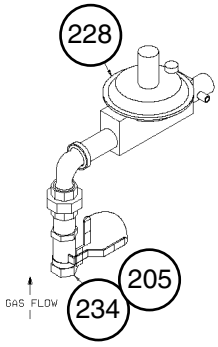
2000 MBH

Ref No.	Part Description	Part Number	Qty.
205	Shutoff Valve		
	500 - 2000 MBH	034077300	1
234	Gas Valve		
	500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

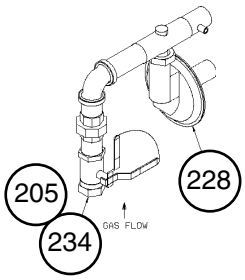
Units with Pressure Regulator Valve:
C34= ****P*, ****Q*, ****R* or ****S*



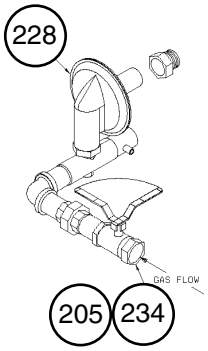
500, 640, 650 or 800 MBH Furnaces



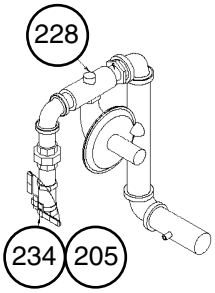
1000 MBH Furnaces



1100, 1400 MBH Furnaces



1500 MBH Furnaces



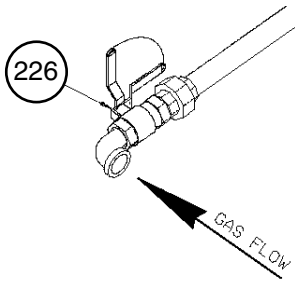
2000 MBH Furnaces

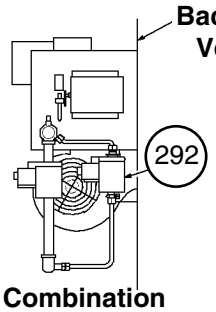
Ref No.	Part Description	Pressure Regulator 2 - 3 PSI	Pressure Regulator 5 - 10 PSI	Qty.
205	Shutoff Valve	034077300	034077300	1
228	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387302	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1
234	Gas Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner:
Code 34= ****H*, ****T*, ****U*
Gas Train- Inlet
CSA Units— Code 07= CC or CD

Units without Pressure Regulator Valve: C34= ****H*

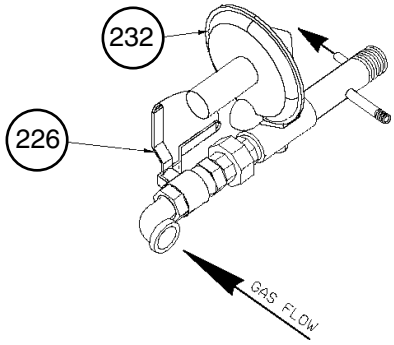


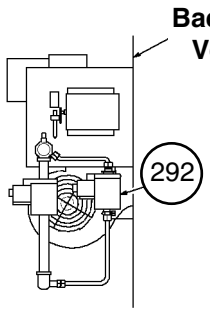


Combination Valve Detail

Ref No.	Part Description	Part Number	Qty.
226	Gas Valve		
	500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1
292	Combination Valve	073336504	1

Units with Pressure Regulator Valve: C34= ****T* or ****U*





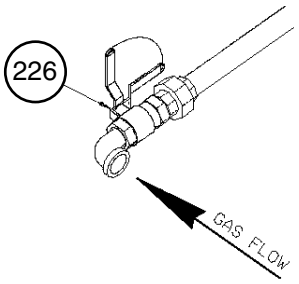
Combination Valve Detail

Ref No.	Part Description	Pressure Regulator 2 - 3 PSI	Pressure Regulator 5 - 10 PSI	Qty.
226	Shutoff Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1
232	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387202	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1
292	Valve- Combination	073336504	073336504	1

Section G- Blow-Thru Heat Section

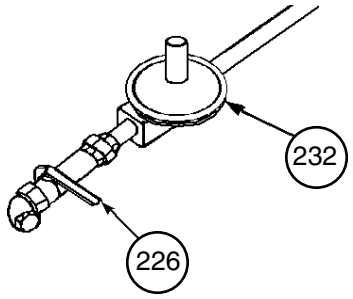
Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner:
Code 34= ****H*, ****T*, ****U*
Gas Train- Inlet
UL Units— Code 07= EU

Units without Pressure Regulator Valve:
C34= ****H*



Ref No.	Part Description	Part Number	Qty.
226	Gas Valve		
	400/500 MBH	059468802	1
	640- 1000 MBH	059468803	1
	1100- 1500 MBH	059468804	1
	2000 MBH	059468805	1

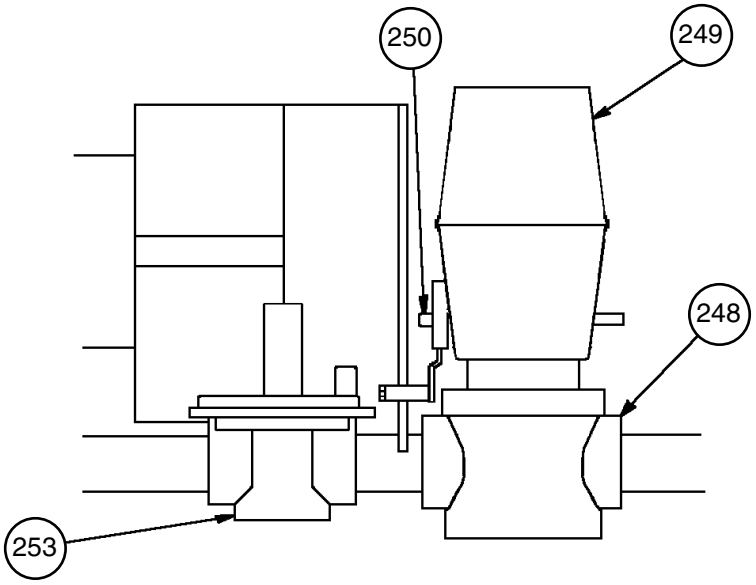
Units with Pressure Regulator Valve:
C34= ****T* or ****U*



Ref No.	Part Description	Pressure Regulator		Qty.
		2 - 3 PSI	5 - 10 PSI	
226	Shutoff Valve			
	500 MBH	073387402	073387402	1
	640- 1500 MBH	073387403	073387403	1
	2000 MBH	073387404	073387403	1
232	Pressure Regulator			
	500 MBH	036619914	036619915	1
	640, 650 MBH	036619923	036619925	1
	790, 800 MBH	036619922	036619924	1
	1000 MBH	073387201	036619923	1
	1100 MBH	073387202	036619923	1
	1400 MBH	073387301	073387303	1
	1500 MBH	073387301	073387302	1
	2000 MBH	073387306	073387301	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner:
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*
Gas Train- Controls: GV2, VM1
Until 6/96

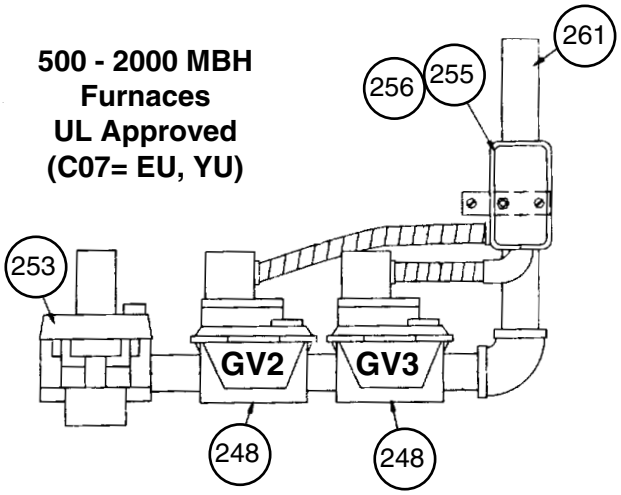


Ref. No.	Heat Exch. Size/MBH	Part Description		Part Number	Qty.
248	500	Gas Valve, Body- 1.00" IPS	CSA Units	041768902	1
	500	Gas Valve, Diaphragm- 1.00" IPS	UL Units	034271802	1
	640- 1000	Gas Valve, Body- 1.25" IPS	CSA Units	041768903	1
	640- 1000	Gas Valve, Diaphragm- 1.25" IPS	UL Units	034271803	1
	1100- 2000	Gas Valve, Body- 2.00" IPS	CSA Units	041768905	1
	1100- 1500	Gas Valve, Diaphragm- 1.50" IPS	UL Units	034271804	1
	2000	Gas Valve, Diaphragm- 2.00" IPS	UL Units	034271805	1
249	500- 2000	Actuator	CSA Units	034490100	1
250	All	Orifice		034487800	1
253	500	Regulator Valve Assembly	CSA Units**	042052800	1
		**Assy= 034078100 valve & 041121802 spring			
	500	Regulator Valve	UL Units	034078100	1
	640- 1000	Regulator Valve	CSA Units	034077804	1
	640- 800	Regulator Valve	UL Units	034077801	1
	1000	Regulator Valve	UL Units	034077804	1
	1100- 1500	Regulator Valve		034077802	1
	2000	Regulator Valve		034077803	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner:
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*
Gas Train- Controls: GV2, GV3
UL Units— Code 07= EU, YU
6/96 & Later

500 - 2000 MBH Furnaces UL Approved (C07= EU, YU)



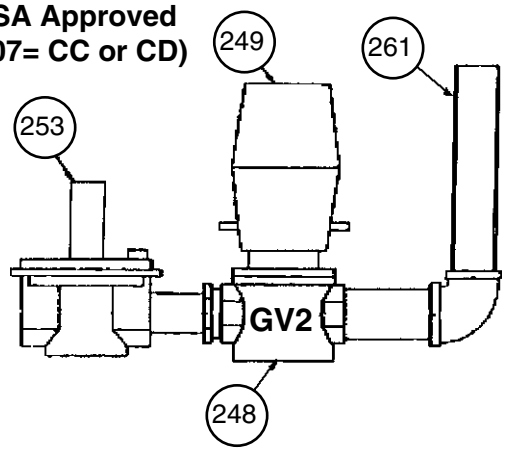
Gas Controls: 500 - 2000 MBH Furnace UL Approved

Ref No.	Part Description	Part Number	Qty.
248	Gas Valve- GV2, GV3		
	500 MBH	073387801	2
	640 - 1000 MBH	073387802	2
	1100- 1500 MBH	073387803	2
	2000 MBH	073387804	2
253	Pressure Regulator		
	500 MBH	034078100	1
	640 - 1000 MBH	034077804	1
	1100- 1500 MBH	034077802	1
	2000 MBH	034077803	1
255	Junction Box	020766100	1
256	Junction Box Cover	000127300	1
261	Gas Pipe		
	Modulating Burner		
	500 MBH	055964002	1
	640 MBH	055964108	1
	650, 790 MBH	055964103	1
	800, 1000 MBH	055964102	1
	1100, 1400 MBH	031326400	1
	1500 MBH	056010902	1
	2000 MBH	056011208	1
	Single Stage Burner		
	500 MBH	055964003	1
	640 MBH	055964104	1
	650, 790 MBH	055964117	1
	800 MBH	055964107	1
	1000 MBH	055964108	1
	1100, 1400 MBH	056010902	1
	1500 MBH	056010903	1
	2000 MBH	056011002	1

Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Single Stage or Modulating Burner:
Code 34= ****A*, ****E*, ****P*, ****Q*, ****R*, ****S*
Gas Train- Controls: GV2, VM1
CSA Units— Code 07= CC or CD
6/96 & Later

500 - 2000 MBH Furnaces CSA Approved (C07= CC or CD)



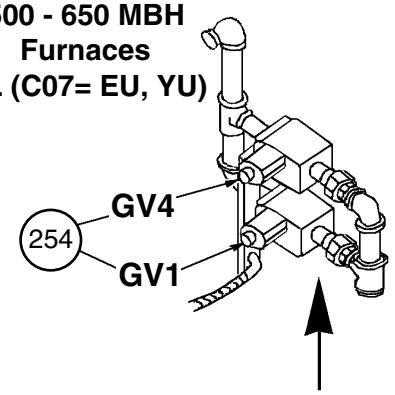
Gas Controls: 500 - 2000 MBH Furnace CSA Approved

Ref No.	Part Description	Part Number	Qty.
248	Gas Valve Body- GV2		
	500 MBH	041768902	1
	640 - 1000 MBH	041768903	1
	1100- 2000 MBH	041768905	1
249	Actuator- VM1	034490101	1
253	Pressure Regulator		
	500 MBH	034078100	1
	640 - 1000 MBH	034077804	1
	1100- 1500 MBH	034077802	1
	2000 MBH	034077803	1
261	Gas Pipe		
	Modulating Burner		
	500 MBH	055964202	1
	640 MBH	055964308	1
	650, 790 MBH	055964302	1
	800, 1000 MBH	056011101	1
	1100, 1400 MBH	056011104	1
	1500 MBH	056011105	1
	2000 MBH	056011207	1
	Single Stage Burner		
	500 MBH	055964203	1
	640 MBH	055964303	1
	650, 790 MBH	055964307	1
	800, 1000 MBH	055964306	1
	1100, 1400 MBH	056011105	1
	1500 MBH	056011106	1
	2000 MBH	056011205	1

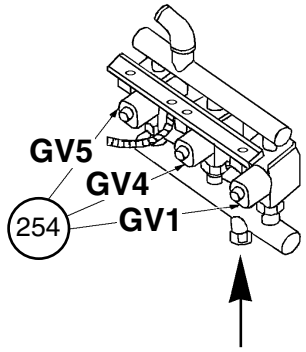
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner:
Code 34= ****H*, ****T*, ****U*
Gas Train- Controls: GV1, GV4, GV5, GV6, GV7, GV8
UL Units— Code 07= EU, YU

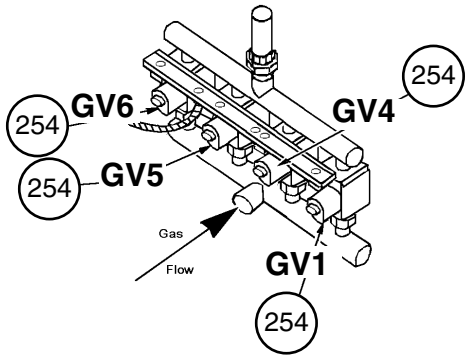
500 - 650 MBH Furnaces UL (C07= EU, YU)



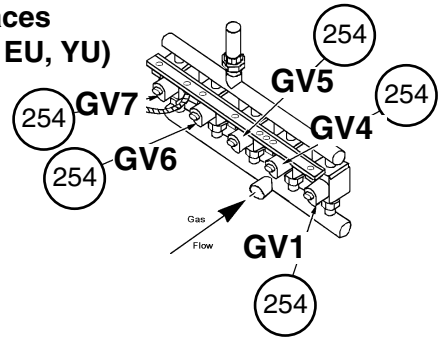
790 - 1000 MBH Furnaces UL (C07= EU, YU)



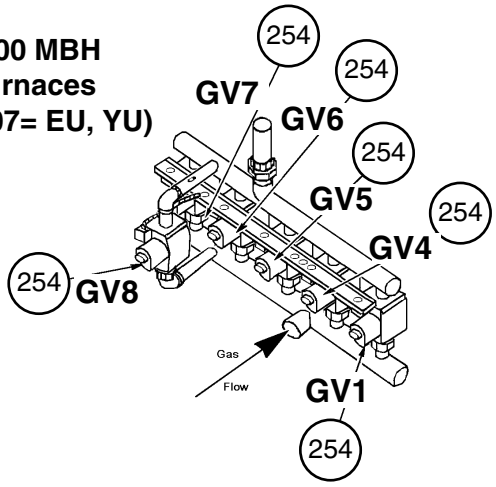
1100 MBH Furnaces UL (C07= EU, YU)



1400, 1500 MBH Furnaces UL (C07= EU, YU)



2000 MBH Furnaces UL (C07= EU, YU)

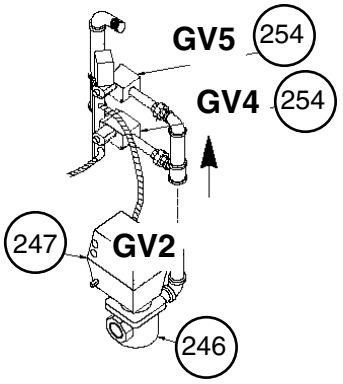


Ref No.	Part Description	Part Number	Qty.
254	Gas Valve- GV1, GV4		
	400- 650 MBH	073336504	2
	Gas Valve- GV1, GV4, GV5		
	790 - 1000 MBH	073336504	3
	Gas Valve- GV1, GV4, GV5, GV6		
	1100 MBH	073336504	4
	Gas Valve- GV1, GV4, GV5, GV6, GV7		
	1400, 1500 MBH	073336504	5
	Gas Valve- GV1, GV4, GV5, GV6, GV7, GV8		
	2000 MBH	073336504	6

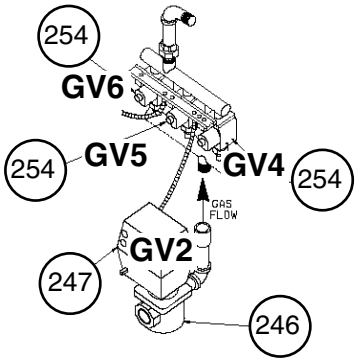
Section G- Blow-Thru Heat Section

Option 4- Gas Heat: Code 04= A
Hi Turn Down Burner:
Code 34= ****H*, ****T*, ****U*
Gas Train- Controls: GV2, GV4, GV5, GV6, GV7, GV8, GV9, VM1
CSA Units— Code 07= CC, CD

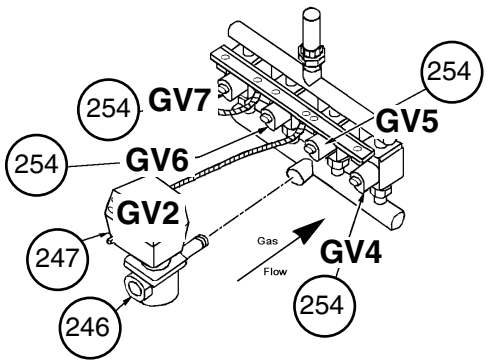
500 - 650 MBH Furnaces
CSA (C07= CC or CD)



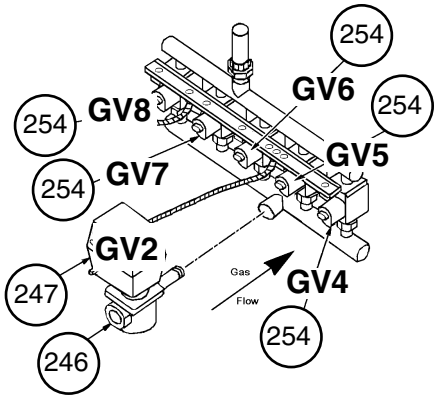
790 - 1000 MBH Furnaces
CSA (C07= CC or CD)



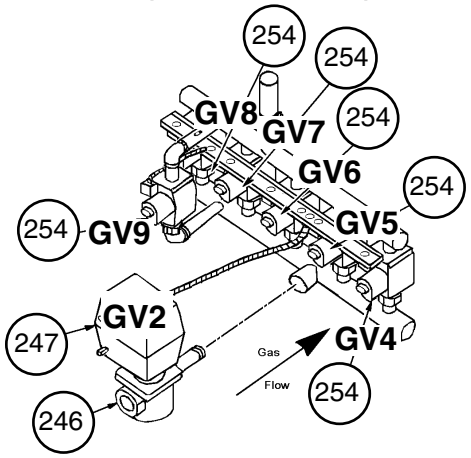
1100 MBH Furnaces
CSA (C07= CC or CD)



1400, 1500 MBH Furnaces
CSA (C07= CC or CD)



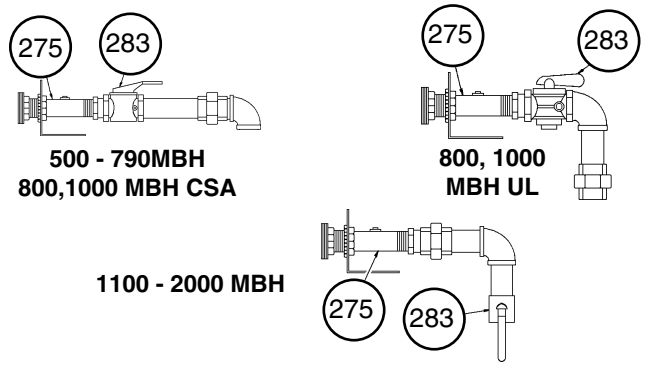
2000 MBH Furnaces
CSA (C07= CC or CD)



Ref No.	Part Description	Furnace Size	Part Number	Qty.
246	Gas Valve Body- GV2	400, 500 MBH	041768902	1
	Gas Valve Body- GV2	640 - 1000 MBH	041768903	1
	Gas Valve Body- GV2	1100- 2000 MBH	041768905	1
247	Actuator- VM1			
	until 11/00		034490100	1
	11/00 & later		111047401	1
254	Gas Valve- GV4, GV5	400- 650 MBH	073336504	2
	Gas Valve- GV4,GV5,GV6	790 - 1000 MBH	073336504	3
	Gas Valve- GV4,GV5,GV6,GV7	1100 MBH	073336504	3
	Gas Valve- GV4,GV5,GV6,GV7,GV8	1400, 1500 MBH	073336504	3
	Gas Valve- GV4,GV5,GV6,GV7,GV8,GV9	2000 MBH	073336504	3

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Gas Train- Outlet

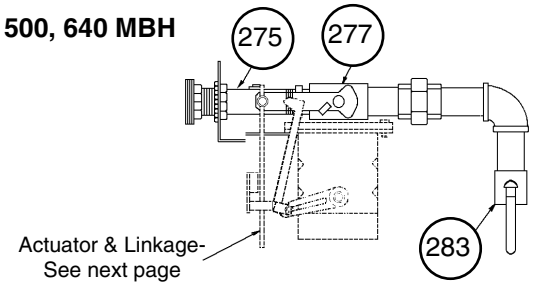
Single Stage Burners
C34= ****A*, ****P* or ****Q*

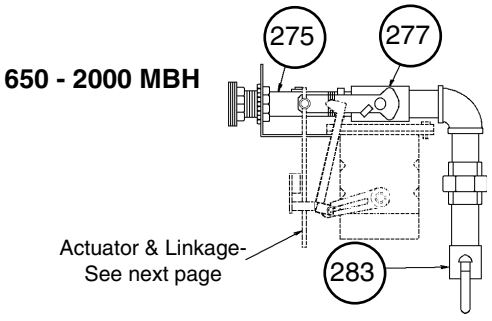


Ref No.	Part Description	Part Number	Qty.
275	Pipe w/ Valve Mount		
	500 MBH	035019800	1
	640 - 1000 MBH	036235500	1
	1100, 1400 MBH	035019900	1
	1500, 2000 MBH	036235600	1
283	Shutoff Valve [1]		
	500 MBH	059468802	1
	640 - 800 MBH	059468803	1
	1000 MBH UL	058968804	1
	1000 MBH CSA	059468803	1
	1100 - 1500 MBH	059468804	1
	2000 MBH	059468805	1

[1] See note below.

Modulating Burners
C34= ****E*, ****R* or ****S*

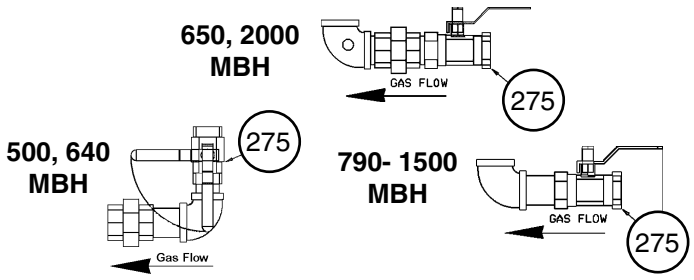




Ref No.	Part Description	Part Number	Qty.
275	Pipe w/ Valve Mount		
	500 MBH	035019800	1
	640 - 1000 MBH	036235500	1
	1100, 1400 MBH	035019900	1
	1500, 2000 MBH	036235600	1
277	Butterfly Valve		
	500 MBH	034488303	1
	640 - 1400 MBH	034488304	1
	1500, 2000 MBH	034488305	1
283	Shutoff Valve [1]		
	500 MBH	059468802	1
	640 - 800 MBH	059468803	1
	1000 MBH UL	058968804	1
	1000 MBH CSA	059468803	1
	1100 - 1500 MBH	059468804	1
	2000 MBH	059468805	1

[1] Units built prior to 1998 may use a different shut off valve— UL Units: 500 MBH p/n 034077102; 640/650/790/800/1000 MBH p/n 034077103; 1100/1400/1500 MBH p/n 034490205; 2000 MBH p/n 034490206— CSA Units: 500 MBH p/n 046747803; 640/650/790 MBH p/n 046747804; 800/1000/1100/1400/1500 MBH p/n 046747805; 2000 MBH p/n 046747806. Applies to both Single Stage and Modulating Burners.

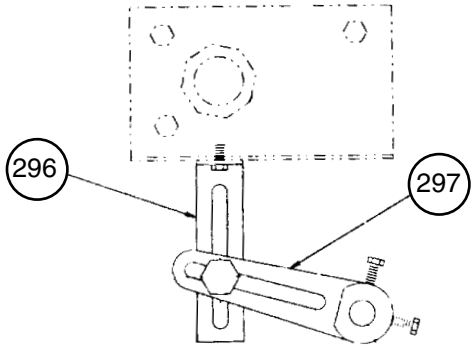
Hi Turn Down Burners
C34= ****H*, ****T* or ****U*



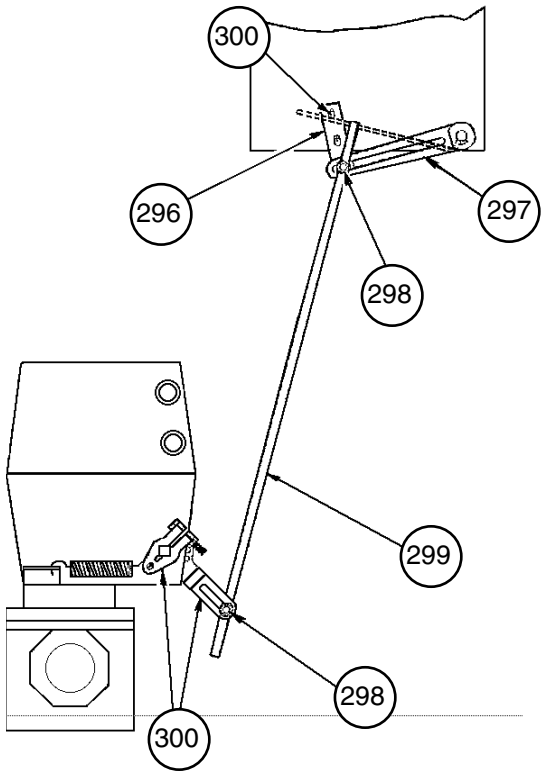
Ref No.	Part Description	Part Number	Qty.
275	Gas Valve		
	500 MBH	059468802	1
	640 - 1000 MBH	059468803	1
	1100 - 1500 MBH	059468804	1
	2000 MBH	059468805	1

Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Gas Train- Damper Linkage
Single Stage Burners
C34= ****A*, ****P* or ****Q*

UL Units (Code 07= EU, YU)

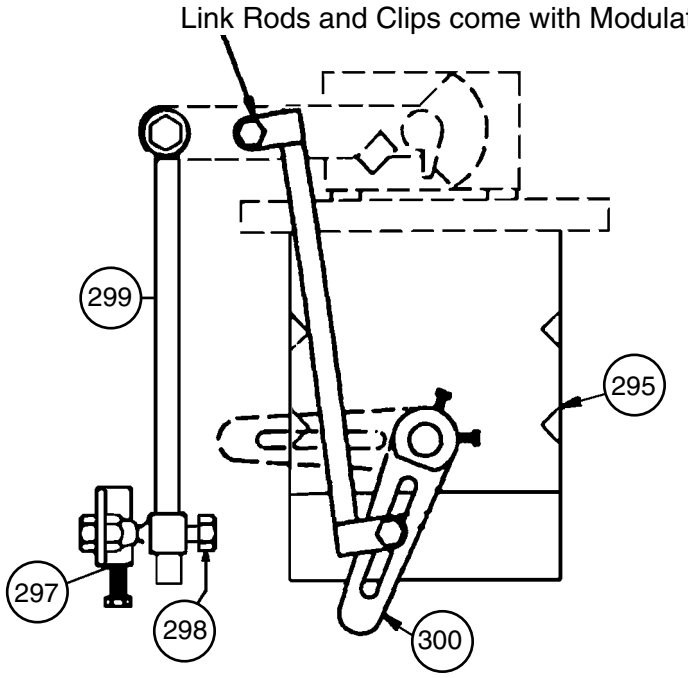


Ref No.	Part Description	Part Number	Qty.
296	Crank Arm Bracket	036519800	1
297	Crank Arm	034250600	1



Ref No.	Part Description	Part Number	Qty.
296	Damper Stop	037265500	1
297	Crank Arm	034250600	1
298	Linkage- Ball Joint	034250500	2
299	Damper Rod		
	500 MBH	056040201	1
	640- 1400 MBH	056040202	1
	1500, 2000 MBH	056040203	1
300	Crank Arm	023680400	2

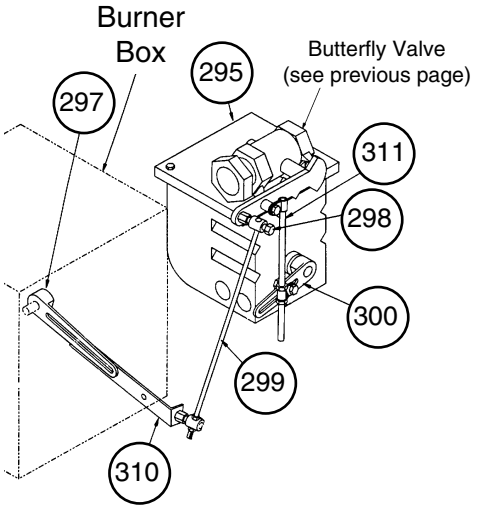
Section G- Blow-Thru Heat Section
Option 4- Gas Heat: Code 04= A
Gas Train- Damper Linkage
Modulating Burners w/ VM1 Actuator
C34= ****E*, ****R* or ****S*
Until 4/96



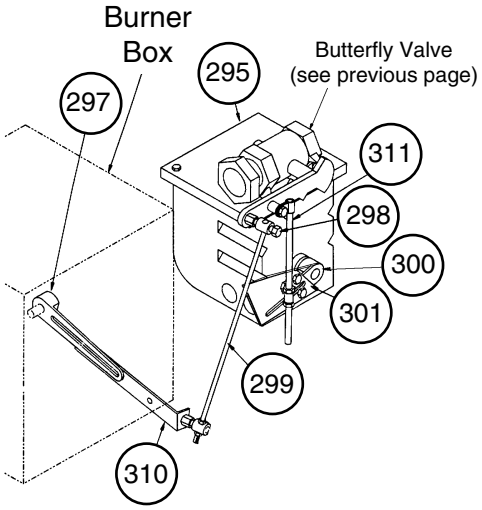
Ref. No.	Heat Exch. Size/MBH	Part Description		Part Number	Qty.
295	All	Act. w/Aux. Switch- 120V 16W	CSA Units	047936109	1
	All	Actuator- 120V 16W	UL Units	047936110	1
297	500-1000, 2000	Crank Arm Assy		034715100	1
	1100- 1500	Crank Arm Assy		034250600	1
298	All	Ball Joint		034250500	2
299	200- 320, 500	Control Rod		034844500	1
	400, 640-1000	Control Rod		036519100	1
	500	Control Rod		034844500	1
	640- 2000	Control Rod		036519100	1
300	All	Crank Arm		023463200	1

Section G- Blow-Thru Heat Section

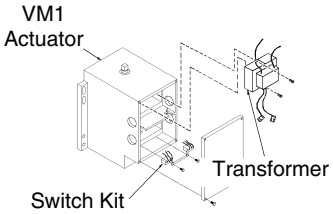
Option 4- Gas Heat: Code 04= A
Gas Train- Damper Linkage
Modulating Burners w/ VM1 Actuator
C34= ****E*, ****R* or ****S*
4/96 & Later



UL Units



CSA Units



CSA Actuator Detail

Gas Train Linkage: Modulating Burner— (C34= ****E*, ****R* or ****S*)

Ref No.	Part Description	Furnace MBH 500- 650	790- 1000	1100, 1400	1500, 2000	Qty.
295	Actuator Motor- VM1					
	Units w/ MicroTech Controls					
	UL Units Until 3/01	047936110	047936110	047936110	047936110	1
	UL Units 3/01 & Later	111047701	111047701	111047701	111047701	1
	CSA Units Until 3/01	059403184 [3]	059403184 [3]	059403184 [3]	059403184 [3]	1
	CSA Units 3/01 & Later	091688001 [2]	091688001 [2]	091688001 [2]	091688001 [2]	1
	Units w/ No Temp. Ctl. (C12= YC)					
	UL Units Until 10/06	066534804	066534804	066534804	066534804	1
	UL Units 10/06 & later	063483422 [1]	063483422 [1]	063483422 [1]	063483422 [1]	1
	CSA Units	063483422 [1]	063483422 [1]	063483422 [1]	063483422 [1]	1
297	Crank Arm	034250600	034250600	034250600	034250600	1
298	Ball Joint	034250500	034250500	034250500	034250500	2
299	Linkage Arm	058598401	058598401	059371601	059368701	1
300	Crank Arm	023463200	023463200	023463200	023463200	1
301	Extension- Arm CSA Units Only	098735201	098735201	098735201	098735201	1
310	Air Damper Lever Arm	059365001	058598101	058598101	not used	1
311	Gas Valve Arm	058598601	058598601	058598601	058598601	1

[1] Assembly part number. Motor only is p/n 113105101 (066534803 was used until 8/06), and interface kit only is p/n 067112501.

[2] Assembly part number. Motor only is p/n 111047701, and Switch Kit only is p/n 060009101.

[3] Assembly part number. Motor only is p/n 060009601, Transformer is p/n 067112601, and Switch Kit is p/n 060009101.

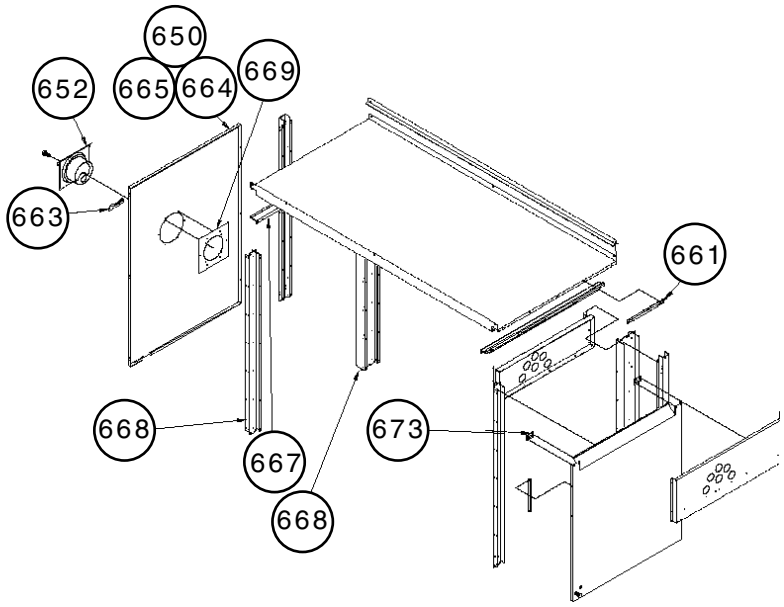
Section G- Blow-Thru Heat Section

Option 4- Gas Heat w/ 320MBH thru 1000 MBH Furnace

C04= A & C34= 050***,064***,065***,079***,080***, 100***, 110***, 140***

Cabinet Doors, Gasketing, Hardware, and Flue Box Mounting

Until 8/03 (see note below)



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly		
	500 or 640 MBH	055632637	1
	650 or 790 MBH	055632638	1
	800 or 1000 MBH	055632639	1
	1100 or 1400 MBH	096181431	1
652	Inspection Door	034095801	1
661	Mount- Flue Box		
	500 or 640 MBH	055972801	1
	650 or 790 MBH	055977901	1
	800 or 1000 MBH	055980501	1
	1100 or 1400 MBH	055970401	1
663	Baffle	096427701	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1
673	Hinge	034005900	2

Note- The cabinet components shown changed when the new design heat exchanger was installed in August, 2003. However, if an original design heat exchanger has been replaced with a current design heat exchanger the original flue box mounting hardware was also replaced.

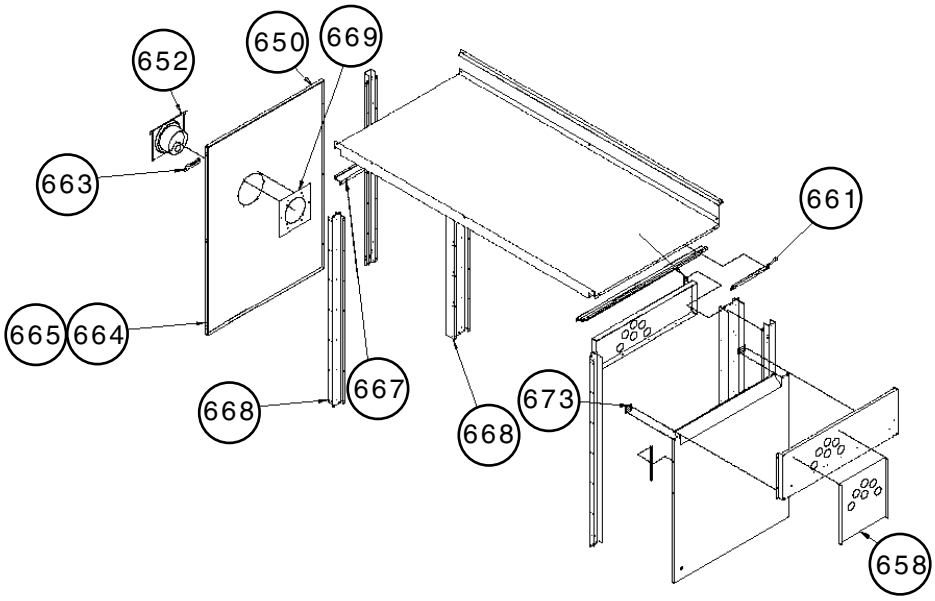
Section G- Blow-Thru Heat Section

Option 4- Gas Heat w/ 320MBH thru 1000 MBH Furnace

C04= A & C34= 050***,064***,065***,079***,080***, 100***, 110***, 140***

Cabinet Doors, Gasketing, Hardware, and Flue Box Mounting

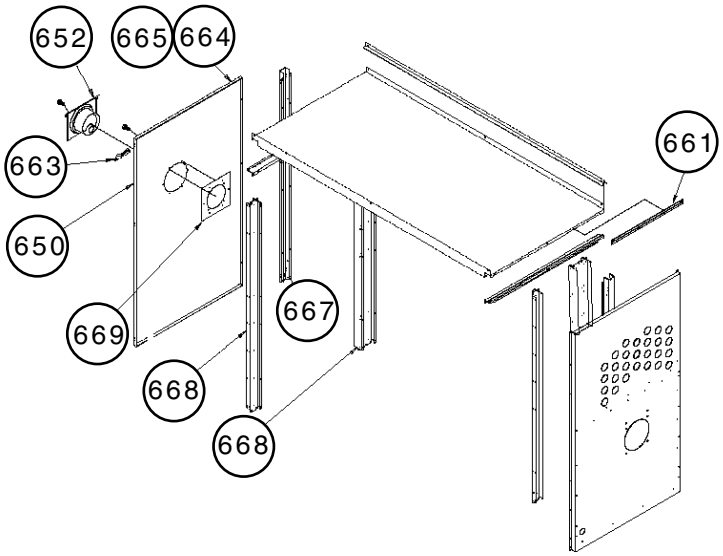
8/03 and later (see note below)



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly		
	500 or 640 MBH	096181451	1
	650 or 790 MBH	096181442	1
	800 or 1000 MBH	096181453	1
	1100 or 1400 MBH	096181444	1
652	Inspection Door	034095801	1
658	Back- Flue Box		
	500 or 640 MBH	403399801	1
	650 or 790 MBH	403400201	1
	800 or 1000 MBH	403400401	1
	1100 or 1400 MBH	403400701	1
661	Angle- Flue Box		
	500 or 640 MBH	403399901	1
	650 or 790 MBH	403400101	1
	800 or 1000 MBH	403400501	1
	1100 or 1400 MBH	403400801	1
663	Drip Shield	033487300	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1
673	Hinge	034005900	2

Note- The cabinet components shown changed when the new design heat exchanger was installed in August, 2003. However, if an original design heat exchanger has been replaced with a current design heat exchanger the original flue box mounting hardware was also replaced.

Section G- Blow-Thru Heat Section
Option 4- Gas Heat w/ 1500 MBH and 2000 MBH Furnace
C04= A & C34= 150***, 200***
Cabinet Doors, Gasketing, Hardware, and Flue Box Mounting
Until 8/03 (see note below)



Ref No.	Part Description	Part Number	Qty.
650	Door Assembly	055632640	1
652	Inspection Door	034095801	1
661	Angle- Flue Box	055945001	1
663	Baffle	096427701	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1

Note- The cabinet components shown changed when the new design heat exchanger was installed in August, 2003. However, if an original design heat exchanger has been replaced with a current design heat exchanger the original flue box mounting hardware was also replaced.

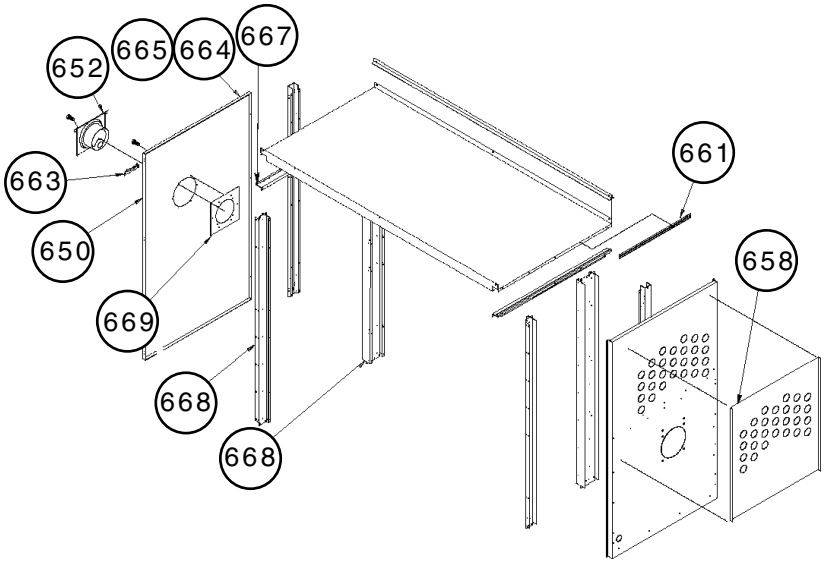
Section G- Blow-Thru Heat Section

Option 4- Gas Heat w/ 1500 MBH and 2000 MBH Furnace

C04= A & C34= 150***, 200***

Cabinet Doors, Gasketing, Hardware, and Flue Box Mounting

8/03 and later (see note below)

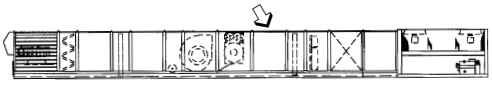


Ref No.	Part Description	Part Number	Qty.
650	Door Assembly	096181445	1
652	Inspection Door	034095801	1
658	Back- Flue Box	403401001	1
661	Angle- Flue Box	055945001	1
663	Drip Shield	033487300	1
664	Sleeve Bearing	047138507	3
665	Door Catch	055502602	3
667	Gasket	055921409	2
668	Gasket	055921410	2
669	Gasket	031949200	1

Note- The cabinet components shown changed when the new design heat exchanger was installed in August, 2003. However, if an original design heat exchanger has been replaced with a current design heat exchanger the original flue box mounting hardware was also replaced.

Section H- Blow-Thru Heat Blank Access Section

Notes



Primary Codes that pertain: 38
Additional Codes that pertain: 06, 34

Code 38 determines all of the section characteristics. If Code 38= B there is a 48" Blow-Thru Blank section. If Code 38= Y, there is no section.

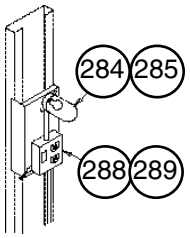
Code 34 determines the Blow-thru Heat Section (Section G). There has to be a Section G in order for there to be a Section H, therefore Code 34 cannot= YYYYYY. Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal components that make up the Blank compartment, contact Daikin McQuay Parts to insure correct liners, insulation and hardware are ordered.**

Door Hardware and Gasketing

Ref No.	Part Description	Part Number	Qty.
N/S	Sleeve Bearing	047138507	8
N/S	Door Catch	055502602	8
N/S	Gasket- Horizontal	055921408 [1]	4
N/S	Gasket- Vertical	055921411	4

N/S= Not Shown on diagram.
[1] If the unit is split at the fan and heat sections (code 05= F) or if a unit is an RAH unit where Section H is the end of the unit (no final filter, no discharge plenum), use p/n 055921409.

Section Mounted Controls
LT19, REC19, S19- Section Mounted Light



LT19- Return Fan Light/S19- Return Fan Light Switch/ REC19- Return Fan Light Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT19	065492402	1
288	Light Switch- S19	065492201	1
289	Receptacle- REC19	030187000	1

Section I- Draw-Thru Combination Coil Section
Notes

Primary Codes that pertain: 03, 35, 36, 37
Additional Codes that pertain: 06

Code 03 determines the cooling coil size. If Code 03= S there is a small face area coil, and if Code 03= L it is a large face area coil.

Code 35 determines if there is a Section D. If Code 27= YYYY, then there is no section. If the first digit of the code is C then there is a cooling coil, If it is B there is a cooling coil with a preheat coil, if it is H there is a heating coil only, and if it is D there is a drain pan with no coil. The second digit determines the cooling valve size (not applicable for units without hydronic coil). The third digit determines if there is a face & bypass actuator. The fourth digit determines the type of drain pan Y= galvanized, S= stainless.

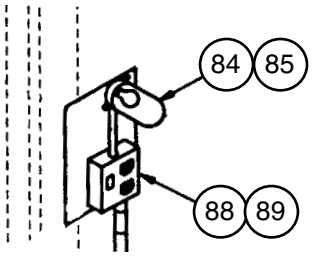
Code 36 determines the cooling coil characteristics. Code 36 will not apply if Code 27= DYYY or DYYS or YYYY.

Code 37 determines the heating coil characteristics. Code 37 will not apply if Code 27= C****, DYYY, DYYS or YYYY.

Code 06 determines the liners and insulation, and will affect the final assembly panels. **For sheet metal cabinet components, contact Daikin McQuay Parts with unit serial and/or G.O. number.**

NOTE: See Section D for all parts used in Section I. Although the section location is different within the unit configuration, the components are identical.

Section Mounted Controls
LT16, S16, REC16

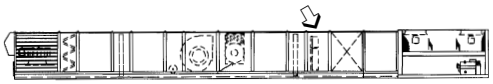


LT16- Combination Coil Section Light/S16- Filter Section Light Switch/ REC16- Filter Section Receptacle.

Ref No.	Part Description	Part Number	Qty.
84	Light Fixture	042229500	1
85	Bulb- LT16	065492402	1
88	Light Switch- S16	065492201	1
89	Receptacle- REC16	030187000	1

Section J- Final Filter Section

Notes



Primary Codes that pertain: 39
Additional Codes that pertain: 04, 34

Code 39 determines all of the section characteristics. If Code 39= A, B, E or F there are filters, if it equals C or D then it is a blank compartment. If Code 39= Y, there is no section.

Codes 04 and 34 determine what type of heat the unit uses. The type of heat influences the filter media and its associated parts.

Door Hardware and Gasketing

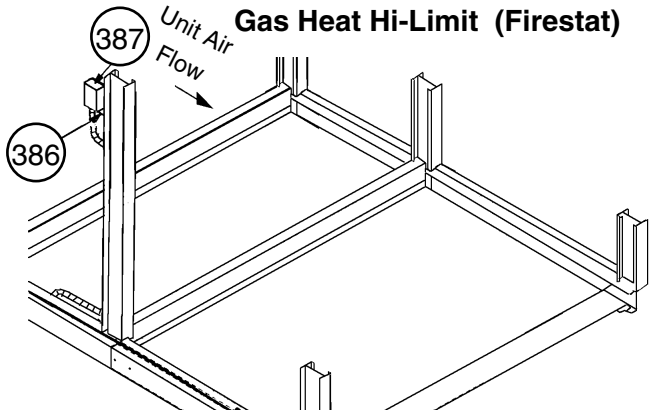
Ref No.	Part Description	Part Number	Qty.
N/S	Sleeve Bearing	047138507	8
N/S	Door Catch	055502602	7
N/S	Gasket- Horizontal	055921408 [1]	4
N/S	Gasket- Vertical	055921410	4

N/S= Not Shown on diagram.
[1] If the unit is split at the fan and heat sections (code 05= F) or if Section J is the end of the unit (no discharge plenum), use p/n 055921409.

Section Mounted Controls
HL23 Gas Hi Limit Control: C04= A, C39= A, B, C, D, E, F
PC6/SPS6 Clogged Filter Controls: C39= A, B, E, F

Gas Hi Limit Control

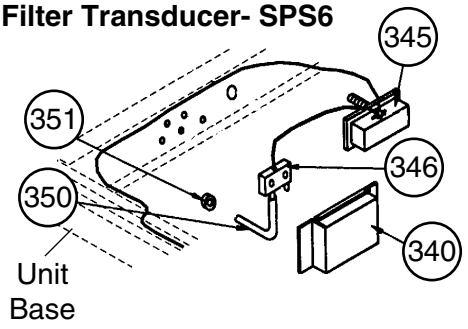
Control HL23
Gas Heat Hi-Limit (Firestat)



Ref No.	Part Description	Part Number	Qty.
386	Stat Support	058379401	1
387	HL23 Firestat	047938804	1

Clogged Filter Control

Clogged Filter Pressure Switch- PC6
Clogged Filter Transducer- SPS6

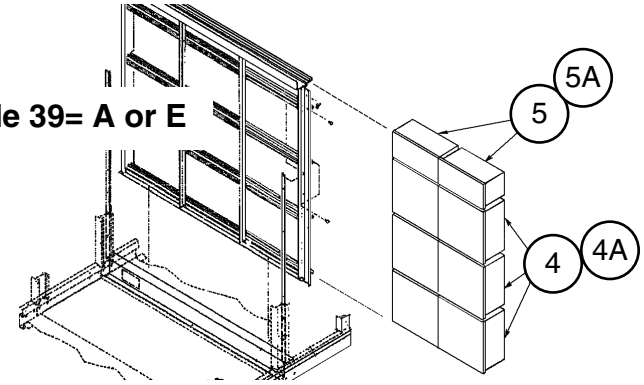


Ref. No.	Part Description	Part Number	Qty.
340	Cover [1]	055732501	1
345	PC6 Pressure Ctl	065493801	1
346	SPS6 Transducer [1]	049545005	1
350	Plastic Tube [1]	049095104	1
351	Grommet [1]	004910100	1

[1] Not used on units with MicroTech II (no longer used).

Section J- Final Filter Section
Filters

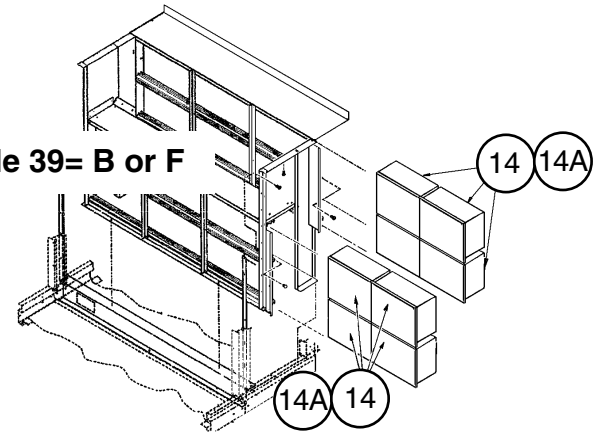
Flat Filter Rack- Code 39= A or E



Ref. No.	Part Description		Code 04=	Code 25 [1] =	Part Number	Qty.
4	Filter- 95% Eff- Cartridge [2]	High Heat [4]	A, E	A	073381102	12
	Filter- 95% Eff- Cartridge [2]	Standard [4]	S, W	A	065810702	12
4A	Gasket- Filter	High Heat [4]	A, E	A	073337024	12
	Gasket- Filter	Standard [4]	S, W	A	021768924	12
5	Filter- 95% Eff- Cartridge [3]	High Heat [4]	A, E	A	073381101	4
	Filter- 95% Eff- Cartridge [3]	Standard [4]	S, W	A	065810701	4
5A	Gasket- Filter	High Heat [4]	A, E	A	073337012	4
	Gasket- Filter	Standard [4]	S, W	A	021768912	4

[1] If code 25= E (Intersept) Contact Daikin McQuay Parts.
[2] Filter size= 24 x 24 x 12.
[3] Filter size= 12 x 24 x 12.
[4] High Heat filters are used on units with Gas or Electric heat. Standard filters are used with Steam or HW heat.

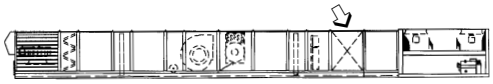
Staggered Filter Rack- Code 39= B or F



Ref. No.	Part Description		Code 04=	Code 25 [1] =	Part Number	Qty.
14	Filter- 95% Eff- Cartridge [2]	High Heat [4]	A, E	B	073381102	16
	Filter- 95% Eff- Cartridge [2]	Standard [4]	S, W	B	065810702	16
14A	Gasket- Filter	High Heat [4]	A, E	B	073337024	16
	Gasket- Filter	Standard [4]	S, W	B	021768924	16

[1] If code 25= F (Intersept) Contact Daikin McQuay Parts.
[2] Filter size= 24 x 24 x 12.
[4] High Heat filters are used on units with Gas or Electric heat. Standard filters are used with Steam or HW heat.

Section K- Discharge Plenum Section
Notes



Primary Codes that pertain: 40
Additional Codes that pertain: 3, 6, 11, 15, 16, 34, 35, 36, 38, 39, 41.

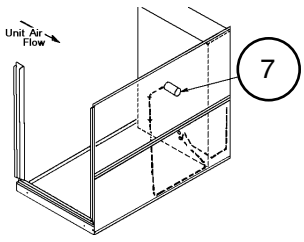
Code 40 determines the discharge direction. RAH units may have bottom, side, or front discharge (code FY). Code 06, insulation and liners, influences the front panels part numbers. Code 11, disconnect switch option, influences the access doors part numbers. Code 15 is the damper code. If code 40= BE, then code 15 must be either 1, or 2. If the plenum has dampers, then the supply fan CANNOT have vanes.

Code 16 determines Smoke Detectors. If C16= 2 or 3 there is a Supply Air Smoke Detector (SD1). For RAH units with heat, the SD1 is in Section K. For RAH draw thru units— units with no separate discharge plenum section— the SD1 is in the Supply Air section (Section F).

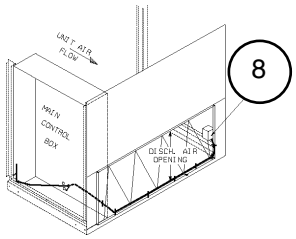
Codes 34- 39, the Blow-thru/Final Filter section codes, and code 41, the special Blank compartment code, pertain to some of the final assembly part numbers. If there is no blow-thru/final section then the discharge plenum is attached directly to the supply air section and some of the final assembly part numbers are different than they are if the blow-thru section is present. If code 41=Y (no blank access compartment), then the discharge plenum end panels are painted. If the blank compartment is present then the end panels are unpainted.
For sheet metal components that make up the Discharge Plenum Section, contact Daikin McQuay Parts to insure correct liners, insulation and hardware are ordered.

Note: The RAH unit may have the main control box mounted in this section or the Supply Fan (Section F). However, the main control box components are listed in their own section (Section N, immediately following the condenser section).

Section Mounted Controls
DAT, OAT, SD1



OATS



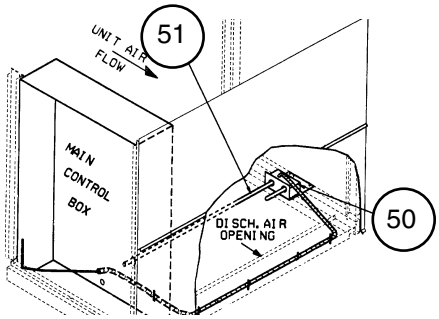
DATS

Discharge Air Temperature Sensor- DAT & Outdoor Air Temperature Sensor- OAT

Ref No.	Part Description	Part Number	Qty.
7	OA Temp. Sensor- OAT	193414601[1]	1
8	DA Temp. Sensor- DAT	193414601[1]	1

[1] P/N is for MicroTech III Controls. For Original MicroTech controls (C12= 1,2,3,4,5) use p/n 065829505. For MicroTech II controls (C12= _D or _S) use p/n 060004705.

SD1 Smoke Detector Detail



Smoke Detector- SD1

Ref No.	Part Description	Part Number	Qty.
50	Smoke Detector- SD1		
	until 2/00	055744901[1]	1
	2/00- 2/03	060016501	1
	2/03- Present	098873101	1
51	Sensing Tube	049025002	1

[1] Includes Duct House 24- 240V p/n 049025003 + Smoke Detector only p/n 049025004.

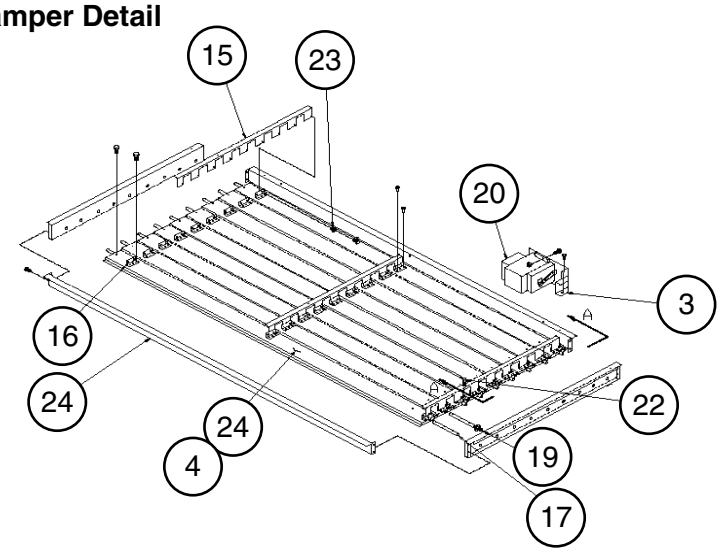
Section K- Discharge Plenum Section

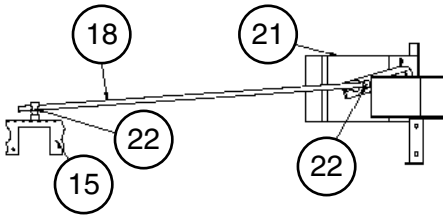
Damper Assembly- w/ Actuator ACT5

C40= BE or BD

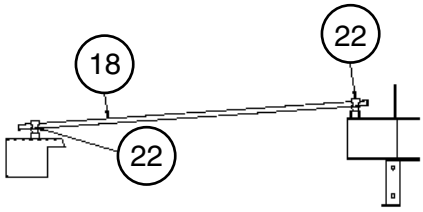
(Units manufactured after 8/3/92. For units built prior to this date consult McQuay International for Isolation Damper component identification)

Damper Detail





View A-A ACT5 Actuator Linkage Detail Code 40= BE



Manual Linkage Detail Code 40= BD

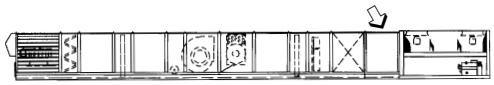
Ref. No.	Part Description		Part Number	Opening Size 38" [1] C03= S	Opening Size 46" [2] C03= L
	Complete Assy w/Actuator	C40= BE	055921127	1	
	Complete Assy w/Actuator	C40= BE	055921125	1	
	Complete Assy w/o Actuator	C40= BD	055921117		1
	Complete Assy w/o Actuator	C40= BD	055921115		1
3	Motor Mount	C40= BE	055921201	1	1
4	Blade		055921301	9	12
15	Angle- Linkage		055917702	3	
	Angle- Linkage		055914202		3
16	Blade- Angle		055638102	27	33
17	Shaft- Damper		055637801	18	22
18	Linkage- Shaft		055536601	1	1
19	Bearing, Flange		001113500	18	22
20	Actuator- ACT5	C40= BE	059999804	1	1
21	Crank Arm	C40= BE	032279200	1	1
22	Ball Joint		000887000	2	2
23	Bearing- Sleeve		047138507	27	33
24	Gasket		030051985	8	
	Gasket		030051979		12

NA= Not Applicable.
[1] Small Face Cooling Coil.
[2] Large Face Cooling Coil.

NOTE: This isolation damper and ACT5 actuator may also be located in Section F (Supply Air). The discharge air opening is in the Supply Air section on RAH draw-thru units with no blow-thru heat (applications where Section F is the end of the unit).

Section L- Out-of-Airstream Blank Access Section

Notes



Codes that pertain: 41

If Code 41= Y, there is no blank compartment.

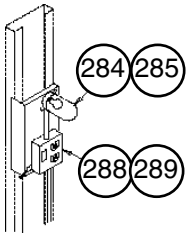
If Code 41= 1, there is a blank compartment, 48” with access doors and light (LT20). Code 41= 2, there is a blank compartment, 48”/24” with access doors and light (LT20).
For sheet metal components that make up the Blank compartment, contact Daikin McQuay Parts to insure correct liners, insulation and hardware are ordered.

Doors, Gasketing and Hardware

Ref No.	Part Description	Section Size			
		48” (C40= 1)	Qty.	48/24” (C40= 2)	Qty.
N/S	Door Assembly	096179205	2	096179205 096179202	2 2
N/S	Gasket- Horizontal	055921409	4	055921409 055921408	4 4
N/S	Gasket- Vertical	055921411	4	055921411	8
N/S	Door Sleeve Bearing	047138507	8	047138507	16
N/S	Door Catch	055502602	8	055502602	16

N/S= Not Shown on diagram.

Section Mounted Controls
LT20, REC20, S20- Section Mounted Light

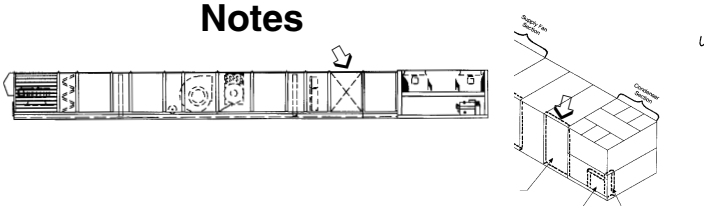


LT20- Return Fan Light/S20- Return Fan Light Switch/ REC20- Return Fan Light Receptacle

Ref No.	Part Description	Part Number	Qty.
284	Light Fixture	042229500	1
285	Bulb- LT20	065492402	1
288	Light Switch- S20	065492201	1
289	Receptacle- REC20	030187000	1

Section N- Main Control Box

Notes



Primary Codes that pertain: 08, 09, 10, 11, 14, 15, 12, 13, 16, 17, 18
Additional Codes that pertain: 04, 19, 20, 22, 27, 32, 34, 35, 40

The Main Control Box is mounted in the Discharge Plenum Section (Section K) and is comprised of three primary parts— The Dead Door with the keypad, the Control Panel and the Power Panel.

There have been four generations of Main Control Box used:
1. The original MicroTech Controls (Code 08= P/Code 12= 1M, 2M, 3M, 4M, 5M) which was used through 12/2000. This panel had a Main Processor (MCB) and a Keypad mounted on the Dead Door Assembly, an Output Board with a varying (depending on unit options) number of relays, and an ADI board mounted in the Control Panel.
2. The MicroTech II Control Panel (Code 08= P/Code 12= LD, LS, BD, BS, ED, ES, SD, SS) was used beginning in January, 2001. This MicroTech II box had the Main Processor (MCB) mounted in the Control Panel (the keypad still mounted in the Dead Door).
NOTE: The power panel components for both of the above were the same.
3. The redesigned MicroTech II Control Box (Code 08= D/Code 12= LD, LS, BD, BS, ED, ES, SD, SS) was offered beginning in October of 2004, and was used exclusively after March, 2005. There is a MCB in the control panel.
4. The MicroTech III Control Box (Code 08= D/Code 12= LE, LF, BE, BF, EE, EF, SE, SF) was offered beginning in September of 2008. There is a MCB in the control panel.

Units may also have no unit controls (Code 08= P or D/Code 12= YY, YM or YC) in which case the Main Control Box has no MCB but instead has a set of relays.

Code 8 determines which generation of Control Box is installed- “P” is the original design (until 3/05); “D” is the current design (3/05 & later).

Code 9 is the unit voltage and affects the transformer, and the fan overloads/MMPs, contactors, fuses, etc.

Code 11 determines whether the main power connection is a terminal block or a through-the-door disconnect.

Code 12 selects whether or not the unit has MicroTech controls or controls by others. Code 13 determines the presence of duct sensors, and the associated relays.

Codes 14 and 15 determine the supply and return fans vanes and/or inverters.

Code 17 determines whether there is a PVM, GFR and/or Line Reactors.

Code 18 indicates whether a unit has a keypad display (remote or unit mounted) and if a modem is present (original MicroTech).

Codes 19, 20 and 22 are return air codes, and impact several controls options. The presence of an OA hood, the horsepower of the return air motor, etc., have an impact on contactors, overloads, fuses, and duct sensors.

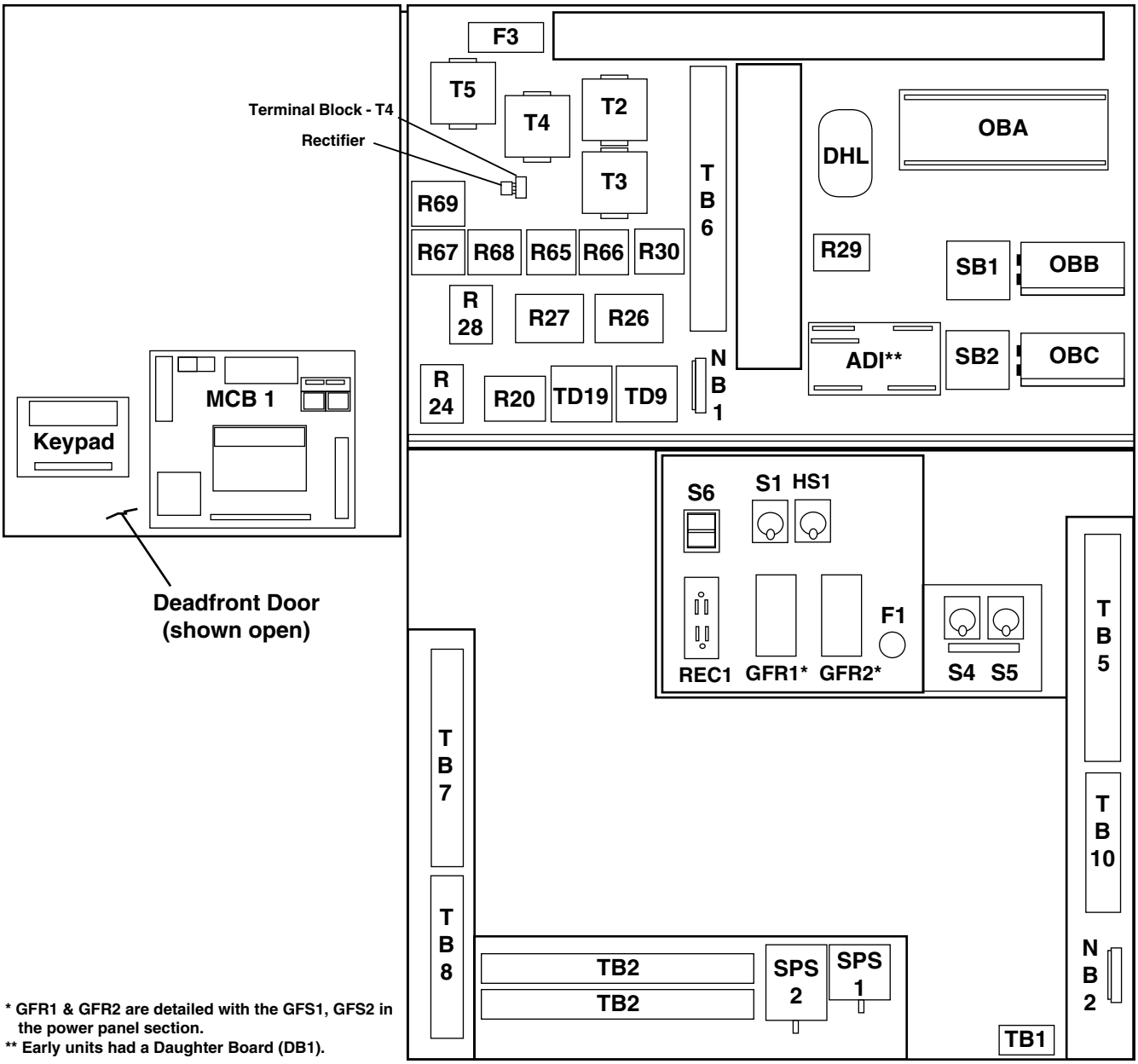
Code 27 determines the draw through section, and can impact the cooling circuit relays. Code 32 determines horsepower for the supply fan motor which, like the return air motor will affect contactors, fuses, overloads, etc.

Codes 04, 34, and 35 determine the blow-thru section, and the heat type, which will impact the transformers, heat circuit relays, and cooling circuit relays. Code 40 determines if there is a VAV damper.

Section N- Main Control Box

Control Panel- Units with MicroTech Controls (C12= 1M, 2M, 3M, 4M, 5M)— Until 1/01

Diagram



* GFR1 & GFR2 are detailed with the GFS1, GFS2 in the power panel section.

** Early units had a Daughter Board (DB1).

Remote Monitor Panel

Part Description	Part Number
Status Panel- Honeywell Model W950F Includes: - Switches: Fan On/Off & System Heat/Auto/Cool - 6 Lights, with 4 and 6 light cover plate (Does not include economizer minimum position potentiometer)	065491505

Section N- Main Control Box
Control Panel- Units with MicroTech Controls (C12= 1M, 2M, 3M, 4M, 5M)— Until 1/01
Components

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- Control: Units with Gas Heat (C04= A)	018446400	1
	Toggle Switch- Control: Units without Gas Heat (C04= E, W, S, Y, X)	001355000	1
S4, 5	Toggle Switch- Inverters (C14= 1-9)	028798400	1
	Connector Bar- S4, S5	033250200	1
S6	Switch- VIV Units (C15= 2)	047357306	1
HS1	Switch- Electric Heat Shutdown (C04= E)	001355000	1
	Fusing		
F1	Fuse- Control Circuit- 15A/250V	025954700	1
	Fuse Holder for F1	018690600	1
F3	Fuse- 500- 1000 MBH Gas Heat Burner Motor	025860505	1
	Fuse- 1100- 2000 MBH Gas Heat Burner Motor	025860507	1
	Fuse Holder for F3	023780201	1
	Receptacle		
REC1	Receptacle- Standard, 1P/3W/15A	025283700	1
	Receptacle- Duplex Feed thru GF1, 2P/3W/15A	039003100	1
	Receptacle- Duplex GF1, 2P/3W/15A	039003600	1
	Receptacle- Duplex Feed thru GF1, 2P/3W/20A	066402701	1
	Terminal Blocks		
TB1	Terminal Block- Service Receptacle Circuit, 115V Field, 3 Pole	022431203	1
TB2	Terminal Block- Field		
	C12= 2M, 3M, 4M, 5M- units with inverter (14 pole portion)	022431214	1
	C12= 2M, 3M, 4M, 5M- units with inverter (24 pole portion)	022431224	1
	C12= 1M- units with inverter	022431230	1
	C12= 2M, 3M, 4M, 5M- units with no inverters	022431230	2
	C12= 1M- units with no inverters (14 pole portion)	022431214	1
	C12= 1M- units with no inverters (24 pole portion)	022431224	1
TB5	Terminal Block- Control	022431230	1
TB6	Terminal Block- Control	015998120	1
TB7	Terminal Block- Factory	015998130	1
TB8	Terminal Block- Inverters	015998114	1
TB10	Terminal Block- Heating	015998109	1
NB1, 2	Neutral Block, 7 Pole	037530800	2
	Transformers		
T2	Transformer- Unit	060630801	1
T3	Transformer- Controller	046738114	1
T4	Transformer- Power Relief Dampers		
	until 5/02	046738109	1
	5/02 & later	060614101	1
	Rectifier- T4	111059401	1
	Terminal Block- T4 & Rectifier	065499806	1
T5	Transformer- Specials	060630801	1
	Time Delays		
TD9	Time Delay- Supply Fan PW (C10= PP or PS)	028210101	1
TD19	Time Delay- Supply Fan PW (C10= PP or PS)	028210101	1
	Relays		
R20	Relay- Gas Heat On/Off	019643000	1

Section N- Main Control Box
Control Panel- Units with MicroTech Controls (C12= 1M, 2M, 3M, 4M, 5M)— Until 1/01
Components

Sch. Sym.	Part Description	Part Number	Qty.
	Relays, continued		
R24	Relay- Gas Heat Alarm	019643000	1
R26	Relay- Powered Relief Dampers	019643000	1
R27	Relay- Powered Relief Dampers	019643000	1
R28	Relay- Isolation Damper	032508101	1
R29	Relay- Final Filter	026213000	1
R30	Relay- CW, Face & Bypass	019643000	1
R65	Relay- PW Fan	073340001	1
R66	Relay- PW Fan	073340001	1
R67	Relay- Supply Fan with inverter	019643000	1
R68	Relay- Return Fan with inverter	019643000	1
R69	Relay- Inverter with Bypass	032508101	1
	Relay- Inverter without Bypass	019643000	1
	Transducer and Pressure Controls		
SPS1	Sensor- Duct Static Pressure (C13= 1, 2, 3)	049545005	1
SPS2	Sensor- Duct Static Pressure (C13= 2)	049545005	1
	Sensor- Building Static Pressure (C13= 3, 4)	049545006	1
DHL	Switch- Duct Hi- Limit	065493801	1
	Fitting for DHL	049763002	1
	Main MicroTech Controller and Associated Boards		
MCB1	Microprocessor (must be programmed- requires unit GO or Serial No.)	065487306	1
	Fuse- MCB1	065822001	1
Keypad	Keypad/Display Assembly	065497201	1
	Ribbon Cable- MCB to Keypad	065499702	1
ADI	ADI Board [1]	065816005	1
OBA	Output Board- 16 position	066542201	1
	Ribbon Cable- MCB to OBA	049265204	1
OBB	Output Board- 4 position- Cooling	066542203	1[3]
OBB	Output Board- 8 position- Cooling	066542202	1[4]
OBC	Output Board- 8 position- Heating	066542202	1[5]
OB_ _	Output Board Relay		
	Positions OBA1-8, OBA13-16, OBB1-8, OBC1-8	049265601	[2]
	Positions OBA9- 12 no inverters (C14= Y)	049265601	[2]
	Positions OBA9- 12 units with inverters (C14= 1-9)	049265603	[2]
SB1	Cooling Staging Board	065499001	1
SB2	Heating Staging Board- 4 to 8 stages of Heat	065499001	1[5]
	Room Sensors		
	Sensor #1- Standard VAV	066540401	1[6]
	Sensor #2- Enhanced VAV (includes tenant override)	066540402	1[6]
	Sensor #9- Standard CAV	066540409	1[6]

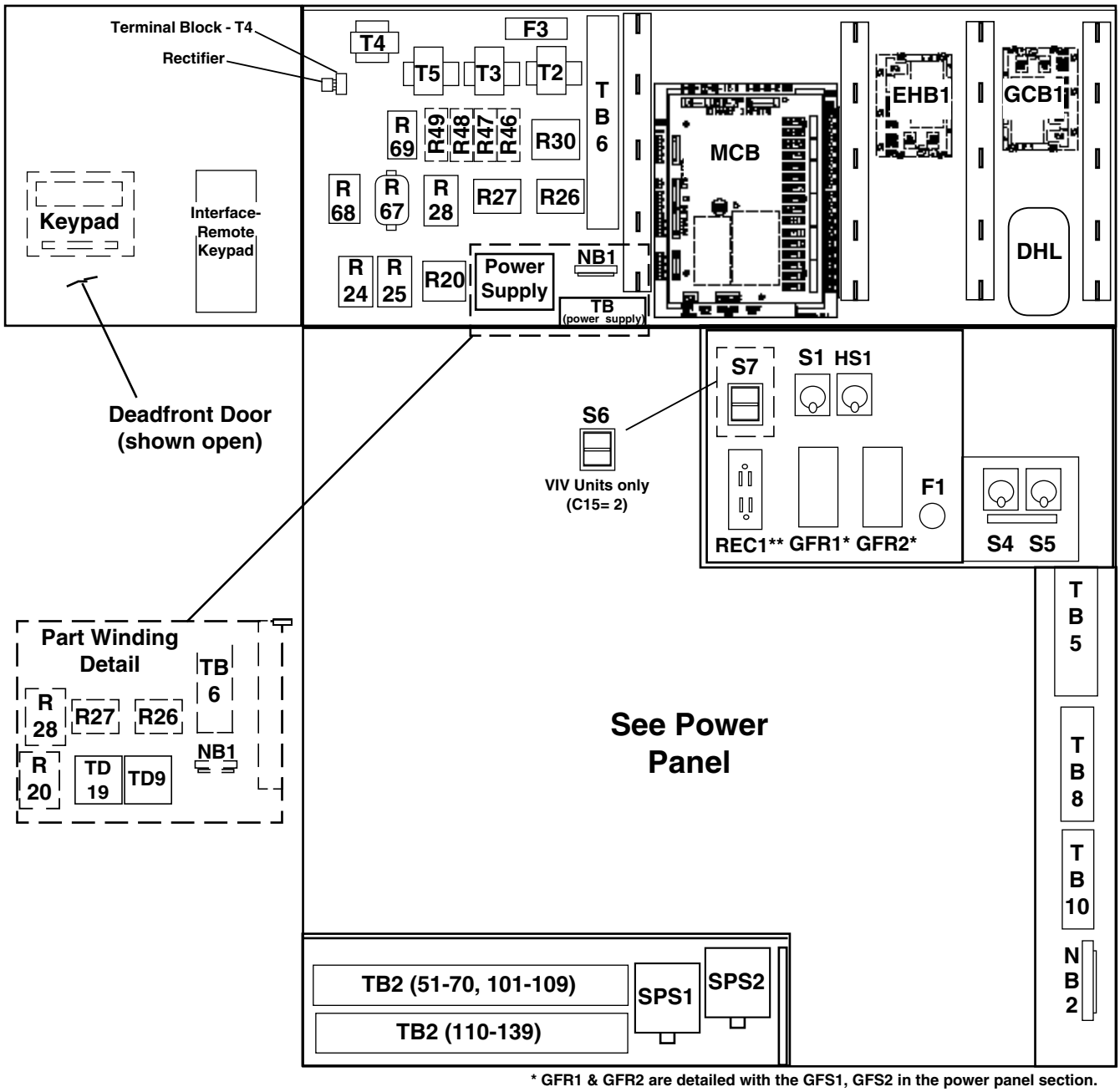
[1] Units built prior to 1995 used a Daughter Board (DB1) p/n 049545501 (the DB1 fuse is p/n 065829601 and the ribbon cable from MCB to DB1 is p/n 049265103).
[2] Quantity varies depending on options.
[3] Used on units with Evaporator Coils (C28 or C36= 5Z******) and 4 stages of cooling (C42= 4). Ribbon cable OBB to SB1 is p/n 065499501.
[4] Used on units with Evaporator Coils (C28 or C36= 5Z******) and 6 or 8 stages of cooling (C42= 6 or 8). Ribbon cable OBB to SB1 is p/n 065499501.
[5] Used on CAV units (C12= 1M or 5M) with more than 4 stages of electrical heat. Ribbon cable connecting OBC to SB2 is p/n 065499501.
[6] Prior to 1/92 use p/n 058899372 for VAV and p/n 065824701 for CAV.

Section N- Main Control Box

Control Panel- Units with MicroTech II Controls (C12= LD, LS, BD, BS, ED, ES, SD, SS)— 1/01 until 3/05*

Diagrams

*** Code 08= P. Between 10/04 and 3/05 either this control panel or the current control panel (Code 08= D) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.**



*** GFR1 & GFR2 are detailed with the GFS1, GFS2 in the power panel section.**
**** Ties into TB1 (not shown).**

Section N- Main Control Box

Control Panel- Units with MicroTech II Controls (C12= LD, LS, BD, BS, ED, ES, SD, SS)— 1/01 until 3/05

Components

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- Control: Units with Gas Heat (C04= A)	018446400	1
	Toggle Switch- Control: Units without Gas Heat (C04= E, W, S, Y, X)	001355000	1
S4, S5	Toggle Switch- Inverters (C14= 1-9)	028798400	2
	Connector Bar- Inverter on Supply and Return Air Fan (C14= 1-9)	033250200	2
S6	Rocker Switch- VIV Units (C15= 2)	072402801	1
S7	Rocker Switch- On/Off	072402801	1
HS1	Electric Heat Shutdown Switch (C04= E)	001355000	1
	Fusing		
F1	Fuseholder	018690600	1
	F1 Fuse- Control Circuit Fuse	025954700	1
F3	Fuse Block- Gas Heat Units	023780201	1
	Fuse, Gas Heat Units: 500 - 1000 MBH furnaces	025860505	1
	Fuse, Gas Heat Units: 1100 - 2000 MBH furnaces	025860507	1
	Receptacle		
REC1	Receptacle- GFI		
	Until 1/03	039003100	1
	1/03 & later	039003600	1
	Receptacle- Std. 15A	025283700	1
	Terminal Blocks		
TB1	Terminal Block- Receptacle- 3 Terminals (not shown on diagram)	022431203	1
TB2	Terminal Block- 30 Terminals	022431230	2
TB5	Terminal Block, 24 Terminals- RFS Units	022431224	1
TB6	Terminal Block- 24 Terminals		
	Until 6/01	015998120	1
	6/01 & later	015998124	1
TB8	Terminal Block, 14 Terminals- Field Installed Inverters only (C15=F)	022431214	1
TB10	Terminal Block- 12 Terminals- Electric or Gas Heat (C04= E or A)	015998112	1
	Terminal Block- 12 Terminals- Hot Water, Steam or No Heat (C04= W, S,Y)	022431212	1
NB1, 2	Terminal Block- Neutral Block	037530800	2
	Transformers		
T2, T3	Transformer- Control Circuit	060004601	1
T4	Transformer- Power Exhaust	060614101	1
	Terminal Block- T4 Transformer	065499806	1
	Rectifier- T4 Transformer Terminal Block	111059401	1
T5	Transformer- Specials	060630801	1
	Time Delays		
TD9	Time Delay- Part Winding Supply Fan (Code 10= PP or PS)	026213000	1
TD19	Time Delay- Part Winding Return Fan (Code 10= PP or PS)	026213000	1
	Relays		
R20	Relay- Gas, Steam, Electric or Hot Water Heat (C04= W, S, E, A)	026213000	1
R20	Relay- Cool & Heat Units w/Face & Bypass	073305401	1
R24	Relay- Gas Heat	032508101	1
R25	Relay, Gas Heat- Units With Inverters (C14= 1-9)	032508101	1
R26	Relay- Iso Damper	073305401	1
R27	Relay- Powered Relief Damper	073305401	1
R28	Relay- Isolation Damper (C40= BE or C19= BE)	026213000	1

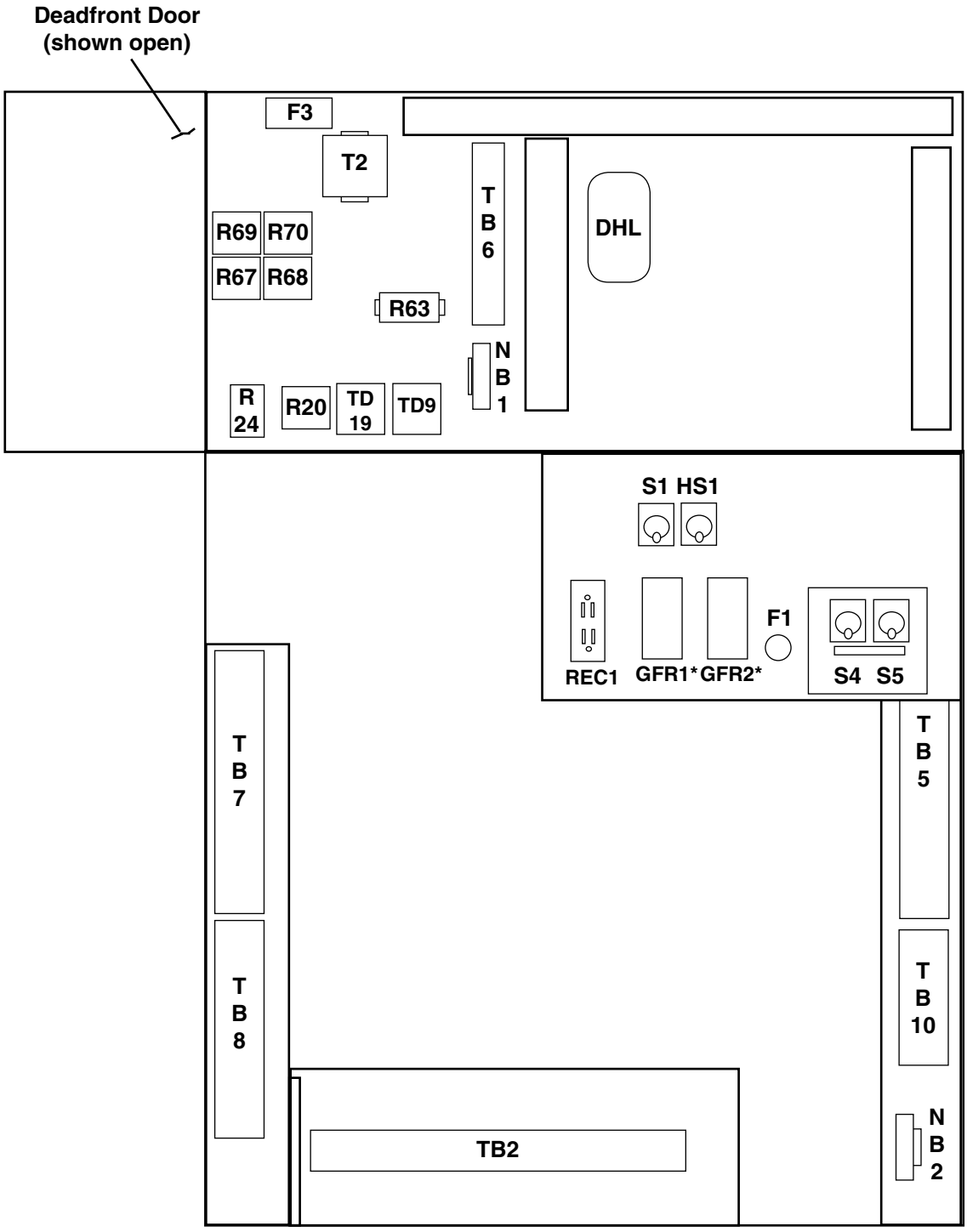
Section N- Main Control Box
Control Panel- Units with MicroTech II Controls
(C12= LD, LS, BD, BS, ED, ES, SD, SS)— 1/01 until 3/05
Components, Continued

Sch. Sym.	Part Description	Part Number	Qty.
	Relays, Continued		
R30	Relay- Cooling Face & Bypass until 11/02	026213000	1
	Relay- Cooling Face & Bypass 11/02 & later	032508101	1
R46,47	Relay- Supply Fan	072789226 [1]	1
R48,49	Relay- Exhaust Fan Inverter	072789226 [1]	1
R67	Relay, Control- units with inverters (C14= 1-9)	073305401	1
	Relay, Control- units without inverters (C14= Y)	026213000	1
R68	Relay- Return Fan w/ Inverter or Exhaust Fan	073305401	1
	Relay- Return Fan without inverter	026213000	1
R69	Relay- Inverters w/ bypass (C14= 1, 2, 3, 4, 5)	032508101	1
	Main MicroTech Controller and Associated Boards		
MCB	Main Controller- Must be programmed (unit GO# required)	060006101	1
	Com Card- Bacnet (C12= B*)	060006202	1
	Com Card- Bacnet with Ethernet (C12= E*)	060006201	1
	Com Card- LonMark with Space Control (C12= LS)	060006203	1
	Com Card- LonMark with Discharge Control (C12= LD)	060006204	1
	Standoff- Com Card	048166706	4
	Kit- Connector Repair	300036605	1
	Power Supply- 5 VDC	111049610	1
	Serial Port Ribbon Cable	111047201	1
	Battery	049754501	1
EHB1	Electric Heat Board (C4= E)	112026101 [5]	1
	Communication Module	060006202	1
GCB1	Condenser Board	112026101 [5]	1
	Communication Module	060006202	1
Keypad	Keypad Assy (Code 19= R or Y)	060006301	1
	Board- Remote Keypad Interface (Code 19= R)	112021601	1
	Cable- Keypad	111044601	1
	Transducers and Pressure Controls		
SPS1	Static Pressure Transducer- Duct (C13= 1, 2, 3)	049545007 [4]	1
SPS2	Static Pressure Transducer- Duct (C13= 2)	049545007 [4]	1
	Static Pressure Transducer- Building (C13= 3, 4)	049545006	1
DHL	Duct Hi-Limit Pressure Control	065493801	1
	Pressure Fitting- DHL	049763002	1
	Power Supply		
	Power Supply- Design Flow Units	111049610	1
	Terminal Block for Power Supply	065499809	1
	Sensors		
ZNT1	Sensor- Zone Temperature w/ Tenant Override [2]	111048101	1
	Sensor- Zone Termp. w/ Tenant Override & Remote Setpoint Adjustment [3, 2]	111048102	1
DAT	Sensor- Discharge Air Temperature [2]	060004705	1
ENT	Sensor- Entering Air Temperature [2]	060004705	1
OAT	Sensor- Outside Air Temperature [2]	060004705	1
RAT	Sensor- Return Air Temperature [2]	060004705	1

[1] Relay Assembly. Consists of: Relay- p/n 060017101; Socket Only- p/n 060016901; Clip Only- p/n 060017001.
[2] Not Shown on diagram.
[3] SCC Units only- Code 12= BS, LS, ES, SS.
[4] Prior to 8/02 the duct sensor was p/n 049545005. 049545007 is a direct replacement on MicroTech II units.
[5] The board mounts with standoffs p/n 048166707 (qty. 7). The Communication Module mounts with standoffs p/n 048166707 (qty. 4)

Section N- Main Control Box
Control Panel- Units without MicroTech Controls (C12= YC, YM, YY)— Until 3/05*
Diagram

*** Code 08= P. Between 10/04 and 3/05 either this control panel or the current control panel (Code 08= D) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.**



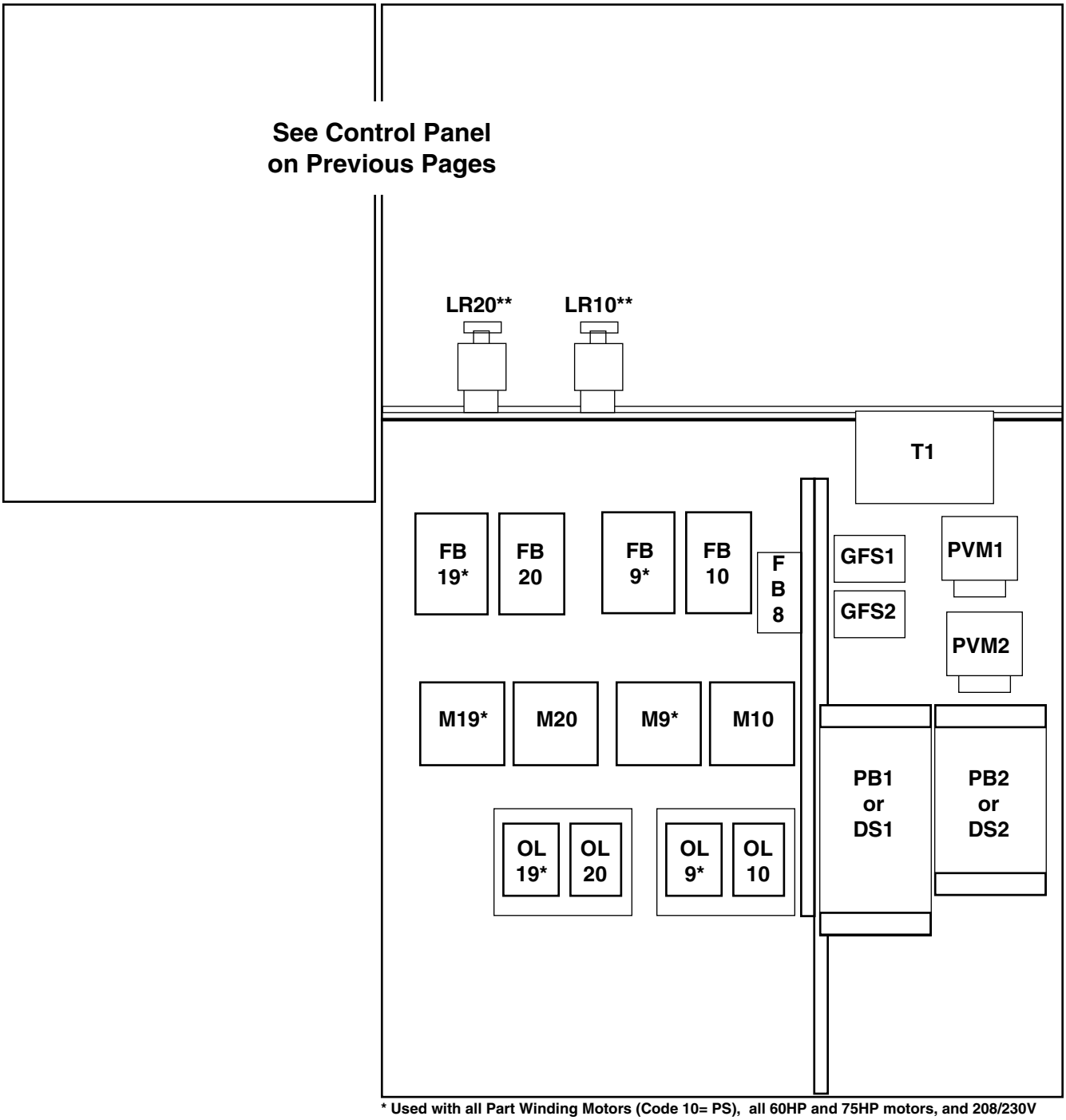
*** GFR1 & GFR2 are detailed with the GFS1, GFS2 in the power panel section.**

Section N- Main Control Box
Control Panel- Units without MicroTech Controls
(C12= YC, YM, YY)— Until 3/05*
Components

*** Code 08= P. Between 10/04 and 3/05 either this control panel or the current control panel (Code 08= D) could be installed. Check the GO to verify which panel is installed.**

Sch. Sym.	Part Description	Part Number	Qty.
	Switches		
S1	Toggle Switch- On/Off: Units with Gas Heat (C04= A)	018446400	1
	Toggle Switch- On/Off: Units without Gas Heat (C04= E, W, S, Y, X)	001355000	1
S4/S5	Toggle Switch- Inverters (C14= 1-9, X)	028798400	1
	Connector Bar- Inverter on Supply and Return Air Fan (C14= 1-9, X)	033250200	1
HS1	Electric Heat Shutdown Switch (C04= E)	001355000	1
	Fusing		
F1	Fuseholder	018690600	1
	Fuse- Control Circuit Fuse	025954700	1
F3	Fuse Block- Gas Heat	023780201	1
	Fuse, Gas Heat: 200- 1000 MBH	025860505	1
	Fuse, Gas Heat: 1100- 2000 MBH	025860507	1
	Relays & Time Delays		
R20	Relay- Gas Heat (C04= A)	019643000	1
R24	Relay- Gas Heat Alarm	032508101	1
R63	Relay- Hi Limit	073305401	1
R67	Relay- Inverters (C14= 1-9, X)		
	No Bypass (C14= 6,7,9, X)	016508002	2
	With Bypass (C14= 1-5, 8, X)	019643000	2
R68	Relay- Inverters (C14= 1-9, X)		
	No Bypass (C14= 6,7,9, X)	016508002	2
	With Bypass (C14= 1-5, 8, X)	019643000	2
	Relay- Exhaust Fan (C20= HY, JY)	019643000	1
R69	Relay- Inverters with bypass only (C14= 1-5, 8, X)	032508101	1
R70	Relay- Inverters (C14= 1-9, X)	016508002	1
TD9, TD19	Time Delay- Part Winding Fan (Code 10= PP or PS)	026213000	1/fan
	Terminal Blocks		
TB1	Terminal Block- 3 Terminals used w/ REC1 (not shown on diagram)		
TB2	Terminal Block- 30 Terminals	022431230	1
TB5	Terminal Block- 30 Terminals	022431230	1
TB6	Terminal Block- 20 Terminals	015998120	1
TB7	Terminal Block- 30 Terminals	022431230	1
TB8	Terminal Block- 24 Terminals	022431214	1
TB10	Terminal Block- 14 Terminals- Gas Heat Single Stage or Modulating Burner	022431214	1
	Terminal Block- 9 Terminals- Hi-Turn Down Burner	022431209	1
NB1, 2	Terminal Block- Neutral Block	037530800	2
	Transformers		
T2	Control Circuit Transformer	029948300	1
	Receptacle		
REC1	Receptacle		
	Until 1/03	039003100	1
	1/03 & later	039003600	1
	Pressure Controls		
DHL	Duct Hi-Limit Pressure Control	065493801	1
	Duct Hi Limit Control Pneumatic Fitting	049763002	1

Section N- Main Control Box
Power Panel- Until 3/05*
Diagram



*** Used with all Part Winding Motors (Code 10= PS), all 60HP and 75HP motors, and 208/230V 40HP and 50HP Across-the-Line Motors (Code 10= AL).**

**** Line Reactor part numbers are listed in Section F.**

Section N- Main Control Box

Power Panel- Until 3/05*

Components

Power Panel- TB1 Terminal Block, T1 Transformer and Fusing, Ground Fault, PVM

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Transformer- Main						
T1	Transformer- Power						
	Electric, HW. Steam, Heat C04= E, S, H	038253916	1		1		
	Electric, HW. Steam, Heat C04= E, S, H	038253907		1		1	
	Electric, HW. Steam, Heat C04= E, S, H	038253930					1
	Gas Heat C04= A	038253917	1		1		
	Gas Heat C04= A	038253908		1		1	
	Gas Heat C04= A	038253930					1
	No Heat (C04= Y)						
	MicroTech Control C12= _M or _S or _D	038253916	1		1		
	MicroTech Control C12= _M or _S or _D	038253907		1		1	
	MicroTech Control C12= _M or _S or _D	038253930					1
	No Control C12= YM	038253913	1		1		
	No Control C12= YM	038253904		1		1	
	No Control C12= YM	038253932					1
	Fuse Block, Fuses for Main Transformer						
FB8	Fuse Block- T1 Transformer	023780202	1	1			
	Fuse Block- T1 Transformer	023780203			1	1	1
F8	Fuse- T1 Transformer						
	Electric, HW, Steam Heat C04= E	025860534	2				
	Electric, HW, Steam Heat C04= E	025860504		2			
	Electric, HW, Steam Heat C04= E	025860404			2		
	Electric, HW, Steam Heat C04= E	025860433				2	2
	Gas Heat C04= A	025860534	2	2			
	Gas Heat C04= A	025860431			2		
	Gas Heat C04= A	025860437				2	
	Gas Heat C04= A	025860433					2
	No Heat (C04= Y)						
	MicroTech Control C12= _M or _S or _D	025860534	2				
	MicroTech Control C12= _M or _S or _D	025860504		2			
	MicroTech Control C12= _M or _S or _D	025860404			2		
	MicroTech Control C12= _M or _S or _D	025860433				2	2
	No Control C12= YM	025860530	2				
	No Control C12= YM	025860532		2			
	No Control C12= YM	025860435			2		
	No Control C12= YM	025860434				2	
	No Control C12= YM	025860402					2
	Ground Fault Relay and Sensor						
GFR1,2 [3]	Relay- Ground Fault	065813401	1/fan	1/fan	1/fan	1/fan	1/fan
GFS1,2	Sensor- Ground Fault	065813402	1/fan	1/fan	1/fan	1/fan	1/fan
	Phase Voltage Monitor						
PVM1,2	Phase Voltage Monitor	098860401	1/fan	1/fan	1/fan	1/fan	
	Phase Voltage Monitor	059475303					1/fan

Section N- Main Control Box
Power Panel- Until 3/05*
Components, Continued

Power Panel- Power Blocks, Disconnects

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Power Block C11= P1, Q1 [2]						
PB1,2	Power Block- 6 outlet holes/1inlet hole 95A	030372707	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet hole 175A	030372705	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet hole 335A	030372717	1	1	1	1	1
	Power Block- 6 outlet holes/1inlet 350/380A	030372718	1	1	1	1	1
	Power Block- 8 outlet holes/1inlet hole 335A	030372706	1	1	1	1	1
	Power Block- 12 outlet holes/1inlet 350/380A	030372720	1	1	1	1	1
	Power Block- 6 outlet holes/2inlet holes 760A	030372721	1	1	1	1	1
	Power Block- 12 outlet holes/1inlet hole 760A	030372728	1	1	1	1	1
	Disconnect Switch C11= A2, B2, C2, D2						
DS1, DS2	Disconnect Switch 60A/600V	031446200	3	3	3	3	3
	Handle Mechanism- 60A Switch	031322400					
	Disconnect Switch 100A/600V	025860602	3	3	3	3	3
	Handle Mechanism- 100A Switch	025862400					
	Disconnect Switch 250A/600V	047442104	3	3	3	3	3
	Handle Mechanism- 250A Switch	039903100					
	Disconnect Switch 400A/600V- 2 inlet holes	047442111	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/240V- 2 inlet holes	025860702	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/600V- 1 inlet hole	047442109	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 400A/240V- 1 inlet hole	047442108	3	3	3	3	3
	Handle Mechanism- 400A Switch	025862500					
	Disconnect Switch 600A/600V	027070601	3	3	3	3	3
	Handle Mechanism- 600A Switch	028399200					
	Disconnect Switch 800A/600V- 2 inlet holes	031019401	3	3			
	Handle Mechanism- 800A Switch	031011600					
	Disconnect Switch 800A/600V- 1 inlet hole	031019411			3	3	3
	Handle Mechanism- 800A Switch	031011611					
	Disconnect Switch 1200A/600V	031019501	3	3	3	3	3
	Handle Mechanism- 1200A Switch	031011700					

[1] The Power Block used on a given unit is contingent upon the unit voltage, the motor(s) horsepower, and other options. Check the part in the unit to size up the replacement, or contact Daikin McQuay Parts with the unit model/GO number to assure proper replacement.
[2] PB2 is only used when Code 11= Q1.
[3] Disconnect Switch used on a given unit is contingent upon the unit voltage, the motor(s) horsepower, and other options. Check the part in the unit to size up the replacement, or contact Daikin McQuay Parts with the unit model/GO number to assure proper replacement. DS2 is only used when Code 11= A2, C2 or D2

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

5.0 Horsepower Supply and/or Return Fan Motor- Code 22 or 32= J

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514401	1	1	1	1	1
	Fuse Block and Fuses-						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780204	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 or FB20	025860508	3	3			
	Fuse- FB10 or FB20	025860538			3	3	
	Fuse- FB10 or FB20	025860430					3
FB20	Fuse Block- Prop Exhaust (FB20)						
	2 Fan (C24= 2)	023780209	1				
	2 Fan (C24= 2)	023780204		1			
	2 Fan (C24= 2)	023780205			1	1	1
	3 Fan (C24= 3)	023780209	1				
	3 Fan (C24= 3)	023780205		1	1	1	1
	Fuse- 2 Fan (C24= 2)Prop Exhaust FB20	025860510	3				
	Fuse- 2 Fan (C24= 2)Prop Exhaust FB20	025860509		3			
	Fuse- 2 Fan (C24= 2)Prop Exhaust FB20	025860405			3	3	
	Fuse- 2 Fan (C24= 2)Prop Exhaust FB20	025860438					3
	Fuse- 2 Fan (C24= 3)Prop Exhaust FB20	025860513	3				
	Fuse- 2 Fan (C24= 3)Prop Exhaust FB20	025860512		3			
	Fuse- 2 Fan (C24= 3)Prop Exhaust FB20	025860408			3	3	
	Fuse- 2 Fan (C24= 3)Prop Exhaust FB20	025860406					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189200	1	1	1	1	1
	1/98 and later	059990101	1	1	1	1	1
	Overload Heater- OL10 or OL20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	026114500	1				
	Standard Efficiency Motor (C22/32= _AY or _GY)	027401100		1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	024879900			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	026114600					1
	High or Prem. Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990612	1				
	1/98 and later	059990611		1			
	1/98 and later	059990609			1	1	1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

7.5 Horsepower Supply and/or Return Fan Motor- Code 22 or 32= K

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514402	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514401		1	1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 or FB20	025860510	3	3			
	Fuse- FB10 or FB20	025860406			3	3	
	Fuse- FB10 or FB20	025860405					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189200	1	1	1	1	1
	1/98 and later	059990101	1	1	1	1	1
	Overload Heater- OL10 or OL20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	023252800	1				
	Standard Efficiency Motor (C22/32= _AY or _GY)	023689100		1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	022614200			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023466900					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990613	1				
	1/98 and later	059990612		1			
	1/98 and later	059990611			1	1	
	1/98 and later	059990610					1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

10 Horsepower Supply and/or Return Fan Motor- Code 22 or 32= L

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514403	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514402		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514401			1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 or FB20	025860513	3				
	Fuse- FB10 or FB20	025860511		3			
	Fuse- FB10 or FB20	025860407			3	3	
	Fuse- FB10 or FB20	025860406					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189300	1	1			
	Until 1/98	030189200			1	1	1
	1/98 and later	059990101	1	1	1	1	1
	Overload Heater- OL10 or OL20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	022773400	1	1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	025070600			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	022614200					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990614	1				
	1/98 and later	059990613		1			
	1/98 and later	059990611			1	1	1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

15 Horsepower Supply or Return Fan Motor- Code 22 or 32= M.
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514404	1	1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514402			1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780209		1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780205			1	1	1
	Fuse- FB10 or FB20	025860515	3				
	Fuse- FB10 or FB20	025860514		3			
	Fuse- FB10 or FB20	025860409			3	3	3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189400	1				
	Until 1/98	030189300		1			
	Until 1/98	030189200			1	1	1
	1/98 and later	059990101	1	1	1	1	1
	Overload Heater- OL10,20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	025861600	1	1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	026111700			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	026114500					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990616	1				
	1/98 and later	059990615		1			
	1/98 and later	059990612			1	1	1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

15 Horsepower Supply or Return Fan Motor- Code 22 or 32= M.
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514402	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780204	2	2
	Fuse- FB9,10 or FB19,20	025860509	6	
	Fuse- FB9,10 or FB19,20	025860508		6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189200	2	2
	1/98 and later	059990101	2	2
	Overload Heater- OL9,10,19,20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	023689100	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	026111700		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990613	2	
	1/98 and later	059990612		2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

20 Horsepower Supply or Return Fan Motor- Code 22 or 32= N
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514406	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514405		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514403			1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213	1	1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210			1	1	1
	Fuse- FB10 or FB20	025860517	3				
	Fuse- FB10 or FB20	025860516		3			
	Fuse- FB10 or FB20	025860411			3	3	
	Fuse- FB10 or FB20	025860410					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189400	1	1			
	Until 1/98	030189300			1	1	
	Until 1/98	030189200					1
	1/98 and later	059990201	1	1			
	1/98 and later	059990101			1	1	1
	Overload Heater- OL10,20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	021858500	1				
	Standard Efficiency Motor (C22/32= _AY or _GY)	023074800		1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	023252800			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023689100					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990617	1				
	1/98 and later	059990616		1			
	1/98 and later	059990613			1	1	
	1/98 and later	059990612					1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

20 Horsepower Supply or Return Fan Motor- Code 22 or 32= N.
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514403	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block-Supply (FB9,10), Return (FB19,20)Fan Motor	023780209	2	2
	Fuse- FB9,10 or FB19,20	025860511	6	
	Fuse- FB9,10 or FB19,20	025860510		6
	Overloads and Heaters			
OL9,10 OL19,20	Overload-Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189300	2	
	Until 1/98	030189200		2
	1/98 and later	059990101	2	2
	Overload Heater- OL9,10,19,20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	022773400	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023252800		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990614	2	
	1/98 and later	059990613		2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

25 Horsepower Supply or Return Fan Motor- Code 22 or 32= P
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514407	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514406		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514404			1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780218	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213		1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210			1	1	1
	Fuse- FB10 or FB20	025860519	3				
	Fuse- FB10 or FB20	025860518		3			
	Fuse- FB10 or FB20	025860413			3	3	
	Fuse- FB10 or FB20	025860411					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189400	1	1			
	Until 1/98	030189300			1	1	
	Until 1/98	030189200					1
	1/98 and later	059990301	1				
	1/98 and later	059990201		1	1	1	
	1/98 and later	059990101					1
	Overload Heater- OL10, 20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	023467200	1				
	Standard Efficiency Motor (C22/32= _AY or _GY)	021858500		1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	023076000			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023252800					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990622	1				
	1/98 and later	059990617		1			
	1/98 and later	059990615			1	1	
	1/98 and later	059990613					1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

25 Horsepower Supply or Return Fan Motor- Code 22 or 32= P.
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514404	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780209	2	2
	Fuse- FB9,10 or FB19,20	025860513	6	
	Fuse- FB9,10 or FB19,20	025860512		6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189300	2	2
	1/98 and later	059990201	2	2
	Overload Heater- OL9,10,19,20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	022613000	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023076000		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990615	2	2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

30 Horsepower Supply or Return Fan Motor- Code 22 or 32= Q
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M10,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514405	1				
	Contactor- Supply (M10), Return (M20) Fan Motor	027514407		1			
	Contactor- Supply (M10), Return (M20) Fan Motor	027514404			1	1	1
	Fuse Block and Fuses						
FB10,20	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780213 [3]	1				
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780218		1			
	Fuse Block- Supply (FB10), Return (FB20) Fan Motor	023780210			1	1	1
	Fuse- FB10 or FB20	025860515 [3]	3				
	Fuse- FB10 or FB20	025860520		3			
	Fuse- FB10 or FB20	025860414			3	3	
	Fuse- FB10 or FB20	025860413					3
	Overloads and Heaters						
OL10,20	Overload- Supply (OL10), Return (OL20) Fan Motor						
	Until 1/98	030189300	1		1	1	1
	Until 1/98	030189400		1			
	1/98 and later	059990201	1		1	1	1
	1/98 and later	059990301		1			
	Overload Heater- OL10, 20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	025861600	1				
	Standard Efficiency Motor (C22/32= _AY or _GY)	030192500		1			
	Standard Efficiency Motor (C22/32= _AY or _GY)	023076000			1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	022773400					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990616	1				
	1/98 and later	059990622		1			
	1/98 and later	059990612			1	1	1
LR10,20	**Line Reactors [2]**						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

[3] This part number is used for a motor with no inverter. If the 208V unit has an inverter use fuse block p/n 023780218 and fuse p/n 025860520.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

30 Horsepower Supply or Return Fan Motor- Code 22 or 32= Q.
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514405	2	
	Contactor- Supply (M10), Return (M20) Fan Motor	027514404		2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2	
	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780209		2
	Fuse- FB9,10 or FB19,20	025860515	6	
	Fuse- FB9,10 or FB19,20	025860513		6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189300	2	2
	1/98 and later	059990201	2	2
	Overload Heater- OL9,10,19,20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	025861600	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	022613000		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990616	2	
	1/98 and later	059990615		2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

40 Horsepower Supply or Return Fan Motor- Code 22 or 32= R
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9,10 [4] M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514406	2	2	1	1	1
	Fuse Block and Fuses						
FB9,10 [4] FB19,20	Fuse Block- Supply (FB9,10),Return (FB19,20)Fan Motor	023780213	2 [3]	2			
	Fuse Block- Supply (FB9,10),Return (FB19,20)Fan Motor	023780212			1	1	1
	Fuse- FB9,10, 19, 20	025860516	6 [3]	6	3	3	
	Fuse- FB9,10, 19, 20	025860415					3
	Overloads and Heaters						
OL9,10 [4] OL19,20	Overload- Supply (OL9,10),Return (OL19,20) Fan Motor						
	Until 1/98	030189400	2	2	1	1	
	Until 1/98	030189300					1
	1/98 and later	059990201	2	2	1	1	1
	Overload Heater- OL9,10, 19, 20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	022613100	2				
	Standard Efficiency Motor (C22/32= _AY or _GY)	023074800		2	1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	022613000					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]						
	1/98 and later	059990616	2	2	1	1	
	1/98 and later	059990615					1
LR10,20	**Line Reactors** [2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

[3] This part number is used for a motor with no inverter. If the 208V unit has an inverter use fuse block p/n 023780218 and fuse p/n 025860521.

[4] M9, M19, FB9, FB19, and OL9 and OL19 are only used on 208/230V motors.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

40 Horsepower Supply or Return Fan Motor- Code 22 or 32= R
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514406	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2	2
	Fuse- FB9,10, 19, 20	025860516	6	6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189400	2	2
	1/98 and later	059990201	2	2
	Overload Heater- OL9,10, 19, 20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	022613100	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023074800		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990616	2	2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

50 Horsepower Supply or Return Fan Motor- Code 22 or 32= S Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9,10[4] M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514407	2	2	1	1	1
	Fuse Block and Fuses						
FB9,10[4] FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2[3]	2			
	Fuse Block- Supply Fan Motor	023780212			1	1	1
	Fuse- FB9,10, 19, 20	025860518	6[3]	6	3	3	
	Fuse- FB9,10, 19, 20	025860416					3
	Overloads and Heaters						
OL9,10[4] OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor						
	Until 1/98	030189400	2	2	1	1	1
	1/98 and later	059990301	2				
	1/98 and later	059990201		2	1	1	1
	Overload Heater- OL9,10, 19, 20						
	Standard Efficiency Motor (C22/32= _AY or _GY)	023467200	2				
	Standard Efficiency Motor (C22/32= _AY or _GY)	021858500		2	1	1	
	Standard Efficiency Motor (C22/32= _AY or _GY)	023074800					1
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY)[1]						
	1/98 and later	059990622	2				
	1/98 and later	059990617		2	1	1	
	1/98 and later	059990616					1
LR10,20	**Line Reactors**[2]						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

[3] This part number is used for a motor with no inverter. If the 208V unit has an inverter use fuse block p/n 023780218 and fuse p/n 025860523.

[4] M9, M10, FB9 FB19, OL9 and OL19 are only used on 208/230V motors.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

50 Horsepower Supply or Return Fan Motor- Code 22 or 32= S
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514407	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2	2
	Fuse- FB9,10, 19, 20	025860518	6	6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189400	2	2
	1/98 and later	059990301	2	
	1/98 and later	059990201		2
	Overload Heater- OL9,10, 19, 20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	023467200	2	
	Standard Efficiency Motor (C22/32= _AY or _GY)	021858500		2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990622	2	
	1/98 and later	059990617		2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart on the following page.

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

60 Horsepower Supply or Return Fan Motor- Code 22 or 32= T
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage				
			208V	230V	380V	460V	575V
	Contactors						
M9,10							
M19,20	Contactor- Supply (M10), Return (M20) Fan Motor	027514408	2	2			
	Contactor- Supply Fan Motor	027514405			2	2	2
	Fuse Block and Fuses						
FB9,10 FB19,20	Fuse Block- Supply (FB9,10),Return (FB19,20)Fan Motor	023780213	2	2			
	Fuse Block- Supply Fan Motor	023780210			2[3]	2[3]	2
	Fuse- FB9,10, 19, 20	025860518	6	6			
	Fuse- FB9,10, 19, 20	025860414			6[3]	6[3]	
	Fuse- FB9,10, 19, 20	025860413					3
	Overloads and Heaters						
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor						
	Until 1/98	030189400	2	2			
	Until 1/98	030189300			2	2	2
	1/98 and later	059990301	2	2			
	1/98 and later	059990201			2	2	
	1/98 and later	059990101					2
	Overload Heater- OL9,10, 19, 20						
	Standard Efficiency Motor (C22= _AY or _GY)	030192500	2	2			
	Standard Efficiency Motor (C22= _AY or _GY)	022613000			2	2	
	Standard Efficiency Motor (C22= _AY or _GY)	022773400					2
	High or Prem.Eff. Motor (C22= _EY,_FY,_JY,_KY)[1]						
	1/98 and later	059990622	2	2			
	1/98 and later	059990615			2	2	
	1/98 and later	059990614					2
LR10,20	**Line Reactors[2]**						

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart at the end of this section (located on the page following the 50HP motors).

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

[3] This part number is used for a motor with no inverter. If a 380V or 460V unit has an inverter use fuse block p/n 023780212 and fuse p/n 025860418.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

60 Horsepower Supply or Return Fan Motor- Code 22 or 32= S
Part Winding Start (C10= PS)

Sch. Sym.	Part Description	Part Number	Voltage	
			208V	230V
	Contactors			
M9,10 M19,20	Contactor- Supply (M9,10), Return (M19,20) Fan Motor	027514408	2	2
	Fuse Block and Fuses			
FB9,10 FB19,20	Fuse Block- Supply (FB9,10), Return (FB19,20) Fan Motor	023780213	2	2
	Fuse- FB9,10, 19, 20	025860518	6	6
	Overloads and Heaters			
OL9,10 OL19,20	Overload- Supply (OL9,10), Return (OL19,20) Fan Motor			
	Until 1/98	030189400	2	2
	1/98 and later	059990301	2	2
	Overload Heater- OL9,10, 19, 20			
	Standard Efficiency Motor (C22/32= _AY or _GY)	030192500	2	2
	High or Prem.Eff. Motor (C22/32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990622	2	2
LR10,20	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart on the following page.

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

Section N- Main Control Box
Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

75 Horsepower Supply Motor- Code 32= S
Across- The- Line Start (C10= AL)

Sch. Sym.	Part Description	Part Number	Voltage	
			460V	575V
	Contactors			
M9,10	Contactor- Supply Fan Motor	027514406	2	2
	Fuse Block and Fuses			
FB9,10	Fuse Block- Supply Fan Motor	023780210	2 [3]	2
	Fuse- FB9,10	025860514	6 [3]	6
	Overloads and Heaters			
OL9,10	Overload- Supply Fan Motor			
	Until 1/98	030189400	2	
	Until 1/98	030189300		2
	1/98 and later	059990201	2	2
	Overload Heater- OL9,10			
	Standard Efficiency Motor (C32= _AY or _GY)	023074800	2	
	Standard Efficiency Motor (C32= _AY or _GY)	022613000		2
	High or Prem.Eff. Motor (C32= _EY,_FY,_JY,_KY) [1]			
	1/98 and later	059990616	2	
	1/98 and later	059990614		2
LR10	**Line Reactors [2]**			

NOTE: Quantities Listed are PER motor.

[1] For High Efficiency motors used on units built prior to 1/98, see the Overload Heater Chart on the following page.

[2] When the unit has an inverter with bypass (C14= 1, 2, 3, 4, 5, 8) the line reactors are located in the bypass box. When there is no inverter bypass box the Line Reactors are located in the Main Control Power Panel. The Line Reactor part numbers are listed in Section F.

[3] This part number is used for a motor with no inverter. If the 460V unit has an inverter use fuse block p/n 023780215 and fuse p/n 025860420.

Section N- Main Control Box

Power Panel— Until 3/05
Fan Motor Contactors, Overloads and Fusing Components, Continued

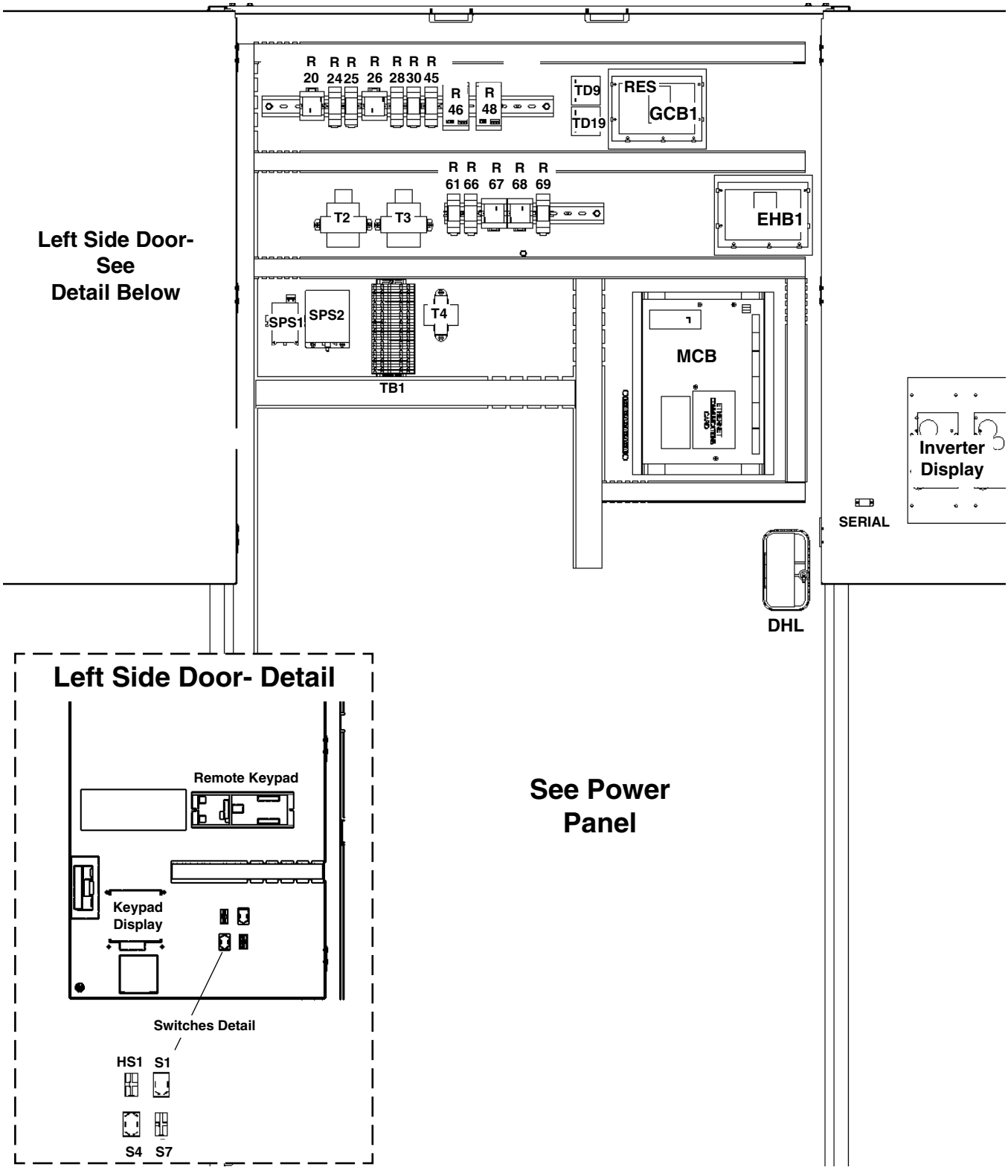
Overload Heater Chart- Supply or Return Fan- Until 1/98

Fan Motor FLA	Heater PN
1.22 to 1.35	031450018
1.36 to 1.52	031450019
1.53 to 1.70	031450020
1.71 to 1.90	031450021
1.91 to 2.10	031450022
2.11 to 2.33	031450023
2.34 to 2.62	031450024
2.63 to 2.93	026114700
2.94 to 3.27	026216000
3.28 to 3.64	031450066
3.65 to 4.06	022977400
4.07 to 4.55	030733600
4.56 to 5.03	031010100
5.04 to 5.59	026114400
5.60 to 6.25	026114600
6.26 to 6.92	030192400
6.93 to 7.75	024879900
7.76 to 8.63	023074700
8.64 to 9.59	023466900
9.6 to 10.6	027401000
10.7 to 11.9	022614200
12.0 to 13.3	024688500
13.4 to 14.7	025070600
14.7 to 16.6	027401100
16.7 to 18.8	026114500
18.9 to 21.2	026111700
21.3 to 23.9	023689100
24.0 to 27.0	023252800
28.0 to 32.0	022773400
32.1 to 36.6	023076000
36.7 to 41.8	022613000
41.9 to 45.0	025861600
48.6 to 55.1	023074800
55.2 to 62.3	022613100
62.4 to 69.5	021858500
69.6 to 79.1	023467200
79.2 to 90.0	030192500
91.8n to 105.0	030192600
106.0 to 121.0	023467300
122.0 to 135.0	031450057

Section N- Main Control Box

MicroTech II or No Controls Control Panel— 3/05 and later*
Units with Controller (Code 12= _D or _S)
Diagrams

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**



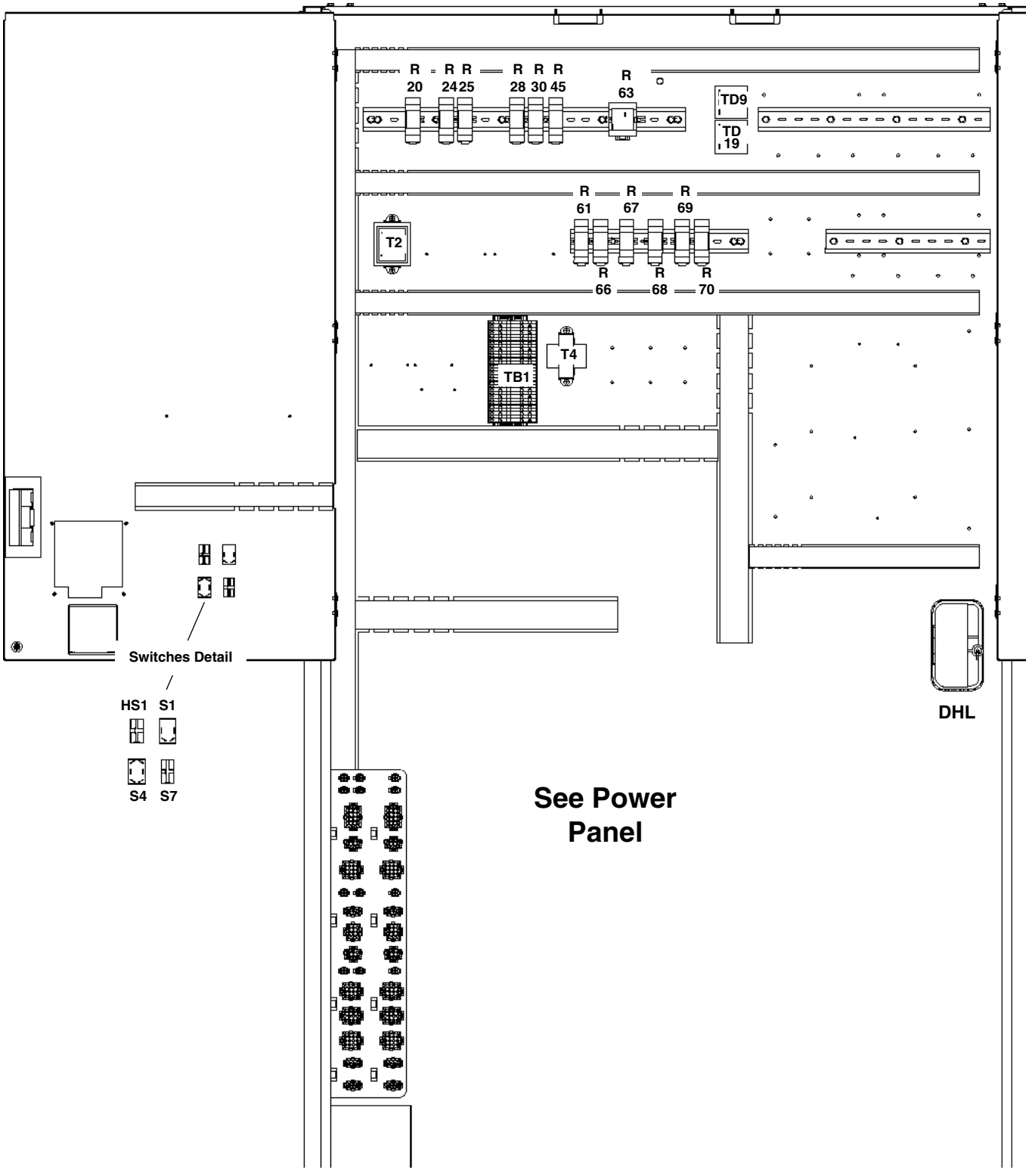
Section N- Main Control Box

MicroTech II or No Controls Control Panel— 3/05 and later*

Units with No Controller (Code 12= YM or YC)

Diagram

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**



Section N- Main Control Box

MicroTech II or No Controls Control Panel— 3/05 and later*

Components

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Sch. Sym.	Part Description		Part Number	Qty.
	Main Controller			
MCB	Main Controller- Must be programmed (unit GO# required)		060006101	1
	Com Card- Bacnet (C12= B*)		060006202	1
	Com Card- Bacnet with Ethernet (C12= E*)		060006201	1
	Com Card- LonMark Space Control (C12= LS)		060006203	1
	Com Card- LonMark Discharge Control (C12= LD)		060006204	1
	Standoff- Com Card		048166706	4
	Kit- Connector Repair		300036605	1
	Power Supply- 5 VDC		111049610	
	Serial Port Ribbon Cable		111047201	1
	Battery		049754501	1
	Grounding Bar		349936901	1
	Keypad			
Keypad	Keypad		060006301	1
	Remote Keypad Interface Board		112021601	1
	Cable- Interface		349938501	1
	Condenser Board			
GCB1	Expansion Board- Condenser		112026101	1
	Standoff- Expansion Board		048166705	7
	Com. Card- Bacnet		060006202	1
	Standoff- Com. Card		048166707	4
RES	Resistor- GCB1		060003901	1
	Electric Heat Board			
EHB1	Expansion Board- Electric Heat		112026101	1
	Standoff- Expansion Board		048166705	7
	Com. Card- Bacnet		060006202	1
	Standoff- Com. Card		048166707	4
	Switches- Control			
HS1	Switch- Electric Heat Shutdown (C04=E)		001355000	1
S1	Switch- System On/Off			
	Gas Heat Units	C04= A	018446400	1
	Elec.,Steam,HW or No Heat	C04=E,S,W,Y	001355000	1
S4	Switch- Inverter Bypass On/Off		028798400	1
S7	Switch- Local On/Auto/Off to Controller		349931201	1
	Serial Cables			
Serial	Serial Cable		111047201	1
	Duct Hi Limit and Duct Static Pressure Sensors			
DHL	Duct Hi Limit Switch		065493801	1
SPS1	Pressure Transducer- Duct Sensor	Code 13= 1, 2, 3	049545007	1
SPS2	Pressure Transducer- Duct Sensor	Code 13= 2	049545007	1
	Pressure Transducer- Space Sensor	Code 13= 3, 4	049545006	1
	Time Delays			
TD9	Time Delay- SA Fan PW (Special)	1 Sec.	028210101	1
TD19	Time Delay- RA Fan PW (Special)	1 Sec.	028210101	1

Section N- Main Control Box
MicroTech II or No Controls Control Panel— 3/05 and later*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Sch. Sym.	Part Description		Part Number	Qty.
	Relays 3/05 to 10/06 [1]			
R20	Relay- Steam or Hot Water Heat	Code 04= S or W		
	Units with Controller	Code 12= _D, _S	349934901	1
	Units with No Controller	Code 12= YM	349934704	1
	Relay- Electric Heat	Code 04= E	349934701	1
	Relay- Gas Heat [2]	Code 04= A		
	Units with Controller	Code 12= _D, _S		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	016508002	1
	Modulating Burner	Code 34(5th digit)= E,R,S	026213000	1
	Units w/No Controller & Gas Actuator	Code 12= YC		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	073340001	1
	Modulating Burner	Code 34(5th digit)= E,R,S	027400700	1
	Units w/No Controller & Float Control	Code 12= YM		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	019643000	1
	Modulating Burner	Code 34(5th digit)= E,R,S	027400700	1
R24	Relay- Gas Heat Alarm	Code 04= A	349934704	1
R25	Relay- Gas Heat, Start Supply Fan Inverter	Code 14= 1, 2,3,5,6,7	349934704	1
R26	Relay- Iso Damper- Open/Close		349934901	1
R28	Relay- Isolation Damper Safety		349934701	1
R30	Relay- Cool Valve w/ Face Bypass		349934704	1
R45	Relay- UV Lights		349934701	1
R46	Relay- Inverter, Supply Fan increase/decrease	Code 14= 1-3,5-7	112033501	1
R48	Relay- Inverter, Return Fan increase/decrease	Code 14= 2,4,5,7-9	112033501	1
R61	Relay- Discharge Air Smoke Detector		349934701	1
R63	Relay- Specials		349934901	1
R66	Relay- Return Air Smoke Detector	Code 16= 1 or 3	349934701	1
R67	Relay- Supply Fan Enable			
	No Controller	Code 12= YM, YC	349934704	1
	With Controller	Code 12= _D, _S	349934701	1
R68	Relay- Return Fan Enable			
	No Controller	Code 12= YM, YC	349934704	1
	With Controller	Code 12= _D, _S	349934701	1
R69	Relay- Inverter Bypass VAV Interlock	Code 14= 1-9	349934704	1
R70	Relay- Specials		349934701	1

[1] There was a change in many of the Main Box components at the end of 2006. The majority of the component changes occurred in the power panel. The only components that changed in the control panel were several of the relays. See the following page for relays used in units built 1/07 & later. If the unit was built between 10/06 & 12/06 contact Daikin McQuay Parts to verify which controls are installed.

[2] All R20 options are detailed here but for units with gas heat, the R20 is located in the gas heat control box (see section G).

Section N- Main Control Box
MicroTech II or No Controls Control Panel— 3/05 and later*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Sch. Sym.	Part Description		Part Number	Qty.
	Relays 1/07 & later [1]			
R20	Relay- Steam or Hot Water Heat	Code 04= S or W		
	Units with Controller	Code 12= _D, _S	349934921	1
	Units with No Controller	Code 12= YM	349934724	1
	Relay- Electric Heat	Code 04= E	349934722	1
	Relay- Gas Heat [2]	Code 04= A		
	Units with Controller	Code 12= _D, _S		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	016508002	1
	Modulating Burner	Code 34(5th digit)= E,R,S	026213000	1
	Units w/No Controller & Gas Actuator	Code 12= YC		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	073340001	1
	Modulating Burner	Code 34(5th digit)= E,R,S	027400700	1
	Units w/No Controller & Float Control	Code 12= YM		
	Hi Turn Down Burner	Code 34 (5th digit)= H,T,U	019643000	1
	Modulating Burner	Code 34(5th digit)= E,R,S	027400700	1
R24	Relay- Gas Heat Alarm	Code 04= A	349934724	1
R25	Relay- Gas Heat, Start Supply Fan Inverter	Code 14= 1, 2,3,5,6,7	349934724	1
R26	Relay- Iso Damper- Open/Close		349934921	1
R28	Relay- Isolation Damper Safety		349934722	1
R30	Relay- Cool Valve w/ Face Bypass		349934724	1
R45	Relay- UV Lights		349934722	1
R46	Relay- Inverter, Supply Fan increase/decrease	Code 14= 1-3,5-7	112033501	1
R48	Relay- Inverter, Return Fan increase/decrease	Code 14= 2,4,5,7-9	112033501	1
R61	Relay- Discharge Air Smoke Detector		349934722	1
R63	Relay- Specials		349934921	1
R66	Relay- Return Air Smoke Detector	Code 16= 1 or 3	349934722	1
R67	Relay- Supply Fan Enable			
	No Controller with inverter bypass	Code 12= YM, YC	349934724	1
	No Controller with no inverter bypass	Code 12= YM, YC	349934722	1
	With Controller	Code 12= _D, _S	349934722	1
R68	Relay- Return Fan Enable			
	No Controller	Code 12= YM, YC	349934724	1
	With Controller	Code 12= _D, _S	349934722	1
R69	Relay- Inverter Bypass VAV Interlock	Code 14= 1-9	349934722	1
R70	Relay- Specials		349934722	1

[1] There was a change in many of the Main Box components at the end of 2006. The majority of the component changes occurred in the power panel. The only components that changed in the control panel were several of the relays. See the following page for relays used in units built 1/07 & later. If the unit was built between 10/06 & 12/06 contact Daikin McQuay Parts to verify which controls are installed.

[2] All R20 options are detailed here but for units with gas heat, the R20 is located in the gas heat control box (see section G).

Section N- Main Control Box

MicroTech II or No Controls Control Panel— 3/05 and later*
Components, Continued

*** Code 08= D. Between 10/04 and 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed.**

Sch. Sym.	Part Description		Part Number	Qty.
	Transformers- Controls			
T2	Transformer- Control Input	115- 24V		
	With Controller	Code 12= _D, _S	349937303	1
	No Controller	Code 12= YM, YC	349937201	1
T3	Transformer- Control Output	115- 24V	349937303	1
T4	Transformer- Exhaust Damper Actuator	115- 12VDC	349931801	1
	Terminal Blocks			
TB1	Terminal Block- Internal			
	Units built between 3/05 to 10/06 [5]		349930605	[3]
	Units built between 1/07 & later [5]		349930641	[4]
	Sensors			
ZNT1	Sensor- Zone Temperature w/ Tenant Override [2]		111048101	1
	Sensor- Zone Temp. w/ Tenant Override & Remote Setpoint Adj. [1, 2]		111048102	1
DAT	Sensor- Discharge Air Temperature [2]		060004705	1
ENT	Sensor- Entering Air Temperature [2]		060004705	1
OAT	Sensor- Outside Air Temperature [2]		060004705	1
RAT	Sensor- Return Air Temperature [2]		060004705	1

[1] SCC Units only- Code 12= BS, LS, ES, SS.
[2] Not Shown on diagram.
[3] Varies depending on unit options. Part number is for one individual section. Ground block is p/n 349930606.
[4] Varies depending on unit options. Part number is for one individual section. Ground block is p/n 349930647. Jumpers are p/n 349930945 (TB1A:5), 349930943 (TB1B:14), 349930942 (TB1C:20,TB1D:25 & TB1E:30).
[5] If the unit was built between 10/06 & 12/06 contact Daikin McQuay Parts to verify which controls are installed.

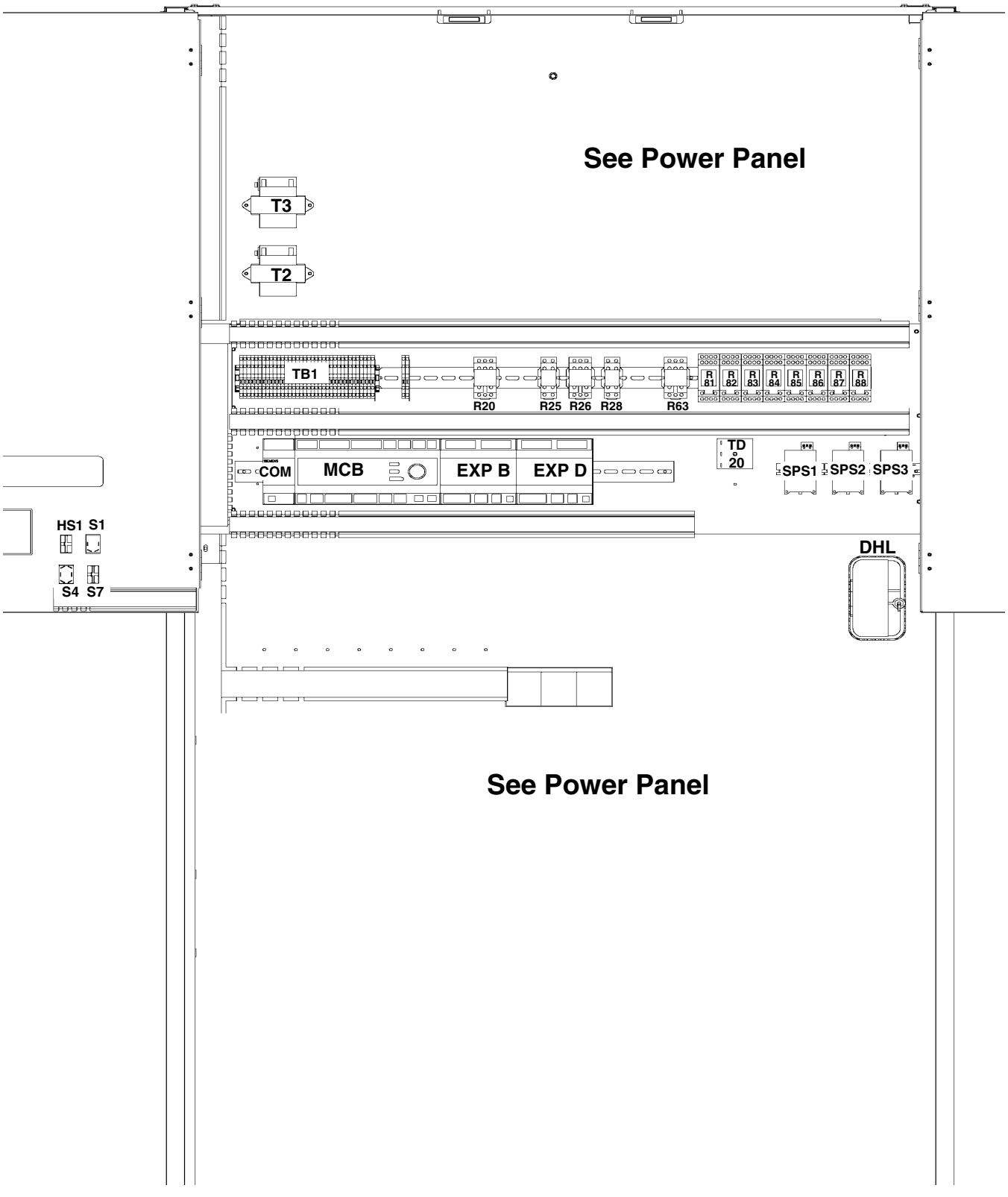
Section N- Main Control Box

Control Panel 9/08 and later*

MicroTech III Units with Controller (Code 12= _E or _F)

Diagram

*** This is the MicroTech III only. Components for units with No controls (C12= YC, YM) are listed on the previous four pages.**



Section N- Main Control Box
Control Panel 9/08 and later*
MicroTech III Units with Controller (Code 12= _E or _F)
Components

Sch. Sym.	Part Description		Part Number	Qty.
	Main Controller			
MCB	Main Controller- Must be programmed (unit GO# required)		193407301	1
	Terminal Block, MCB- 2 Pole		193410302	1
	Terminal Block, MCB- 3 Pole		193410303	6
	Terminal Block, MCB- 5 Pole		193410305	1
	Terminal Block, MCB- 6 Pole		193410306	1
	Terminal Block, MCB- 7 Pole		193410307	1
	Terminal Block, MCB- 8 Pole		193410308	2
	Expansion Module			
EXP B	Expansion Module- Heat		193407501	1
EXP D	Expansion Module- Specials		193407501	1
	Terminal Block, EXP- 2 Pole		193410302	1/board
	Terminal Block, EXP- 3 Pole		193410303	1/board
	Terminal Block, EXP- 7 Pole		193410307	1/board
	Terminal Block, EXP- 8 Pole		193410308	2/board
	Communication Card			
COM	Bacnet- MSTP	Code 12= BE, BF	090016710	1
	Bacnet- IP	Code 12= EE, EF	090016709	1
	LonWorks- Discharge	Code 12= LE	090016712	1
	LonWorks- Constant Volume	Code 12= LF	090016711	1
	Resistors [1]			
RES1	Resistor- Refrigeration Circuit #1	1500 OHM	044690151	1
RES2	Resistor- Refrigeration Circuit #2	1000 OHM	044690110	1
RES3	Resistor- Freezestat (FS1)	1000 OHM	044690110	1
RES4	Resistor- OAE	1500 OHM	044690151	1
RES6,7,8	Resistor- SPS1, SPS2, SPS3	500 OHM	044690146	1/switch
	Switches- Control			
HS1	Switch- Electric Heat Shutdown (C04= E)		001355000	1
S1	Switch- System On/Off			
	Gas Heat Units with no UV Lights	DPST/15A	018446400	1
	Gas Heat Units with UV Lights	4PST/30A	033536700	1
	Electric, Steam, HW or No Heat with no UV Lights	SPST/20A	001355000	1
	Electric, Steam, HW or No Heat with UV Lights	DPST/15A	018446400	1
S4	Switch- Inverter Bypass On/Off	DPST/15A	018446400	1
S7	Switch- Local On/Auto/Off to Controller	SPDT/15A	193412101	1
	Transformers			
T2	Transformer- Control	120- 24V	349937303	1
T3	Transformer- Control	120- 24V	349937303	1
	Duct Hi Limit and Duct Static Pressure Sensors			
DHL	Duct Hi Limit Switch		065493801	1
SPS1	Pressure Transducer- Duct Sensor	Code 13= 1, 2, 3	910124528 [2]	1
SPS2	Pressure Transducer- Duct Sensor	Code 13= 2	910124528 [2]	1
	Pressure Transducer- Space Sensor	Code 13= 3, 4	910124529 [2]	1
SPS3	Pressure Transducer- Space Sensor	Code 13= 8	910124529 [2]	1

[1] Not Shown on diagram.
[2] The original Transducer is no longer available. This replacement kit requires minor field modifications for proper installation & operation.

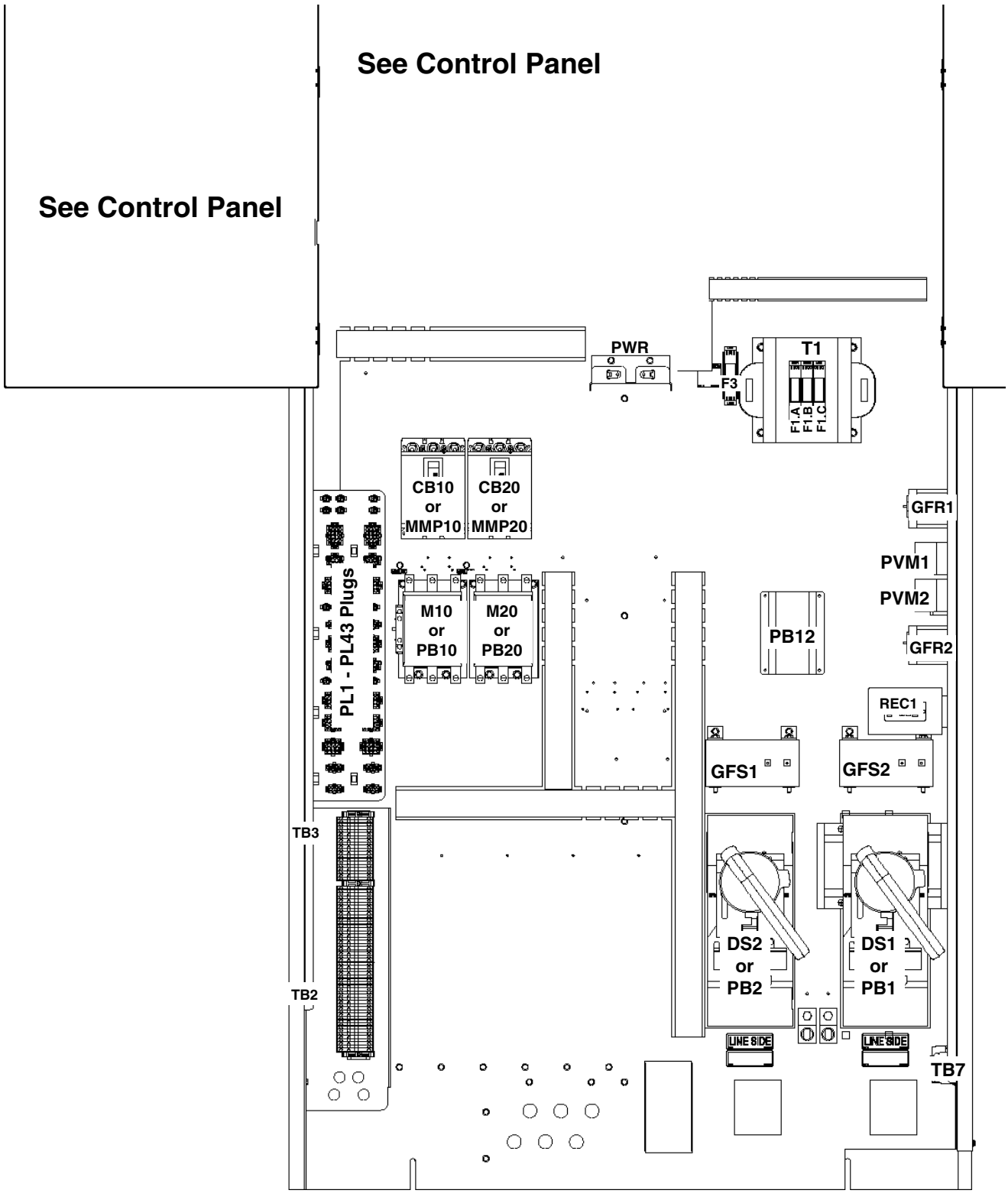
Section N- Main Control Box
Control Panel 9/08 and later
MicroTech III Units with Controller (Code 12= _E or _F)
Components, Continued

Sch. Sym.	Part Description		Part Number	Qty.
	Relays			
R20	Relay- Heat		349934724	1
R25	Relay- Gas Heat, Start Supply Fan Inverter	Code 14= 1, 2,3,5,6,7	349934724	1
R26	Relay- Iso Damper- Open/Close		349934722	1
R28	Relay- Isolation Damper Safety		349934722	1
R63	Relay- Duct Hi Limit			
	Units with Return Fan Inverter	3PDT/120V	349934923	1
	Units with No Return Fan Inverter	DPDT/120V	349934724	1
R81	Relay- Smoke	4P/6A/24V	193413601	1
R82	Relay- Smoke	4P/6A/24V	193413601	1
R83	Relay- Smoke	4P/6A/24V	193413601	1
R84	Relay- Smoke	4P/6A/24V	193413601	1
R85	Relay- Smoke	4P/6A/24V	193413601	1
R86	Relay- Smoke	4P/6A/24V	193413601	1
R87	Relay- Smoke	4P/6A/24V	193413601	1
R88	Relay- Smoke	4P/6A/24V	193413601	1
	Time Delays			
TD20	Time Delay	Return Air Fan	028210106	1
	Terminal Block			
TB1	Terminal Block		349930641	[1]
	Phase Voltage			
ZNT1	Sensor- Zone Temperature w/ Tenant Override [3]		113117701	1
	Sensor- Zone Temp. w/ Tenant Override & Remote Setpoint Adj.[2, 3]		113117801	1
DAT	Sensor- Discharge Air Temperature [3]		193414601	1
EFT	Sensor- Entering Air Temperature [3]		193414601	1
OAT	Sensor- Outside Air Temperature [3]		193414601	1
RAT	Sensor- Return Air Temperature [3]		193414601	1
EAT	Sensor- Exhaust Air Temperature [3]		193414601	1
LAT	Sensor- Leaving Air Temperature [3]		193414601	1

[1] Varies depending on unit options. Part number is for one individual section. Ground block is p/n 349930647.
[2] SCC Units only- Code 12= BF, LF, EF, SF.
[3] Not Shown on diagram.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Diagram

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**



Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Terminal Blocks					
TB2, 3, 7	Terminal Block- Field	349930603	[1]	[1]	[1]	[1]
	Transformer- Main					
T1	Transformer- Main Control					
	Electric, Hydronic, or No Heat C04= E,S,W,Y					
	Units without UV Lights & No Controls (C12= YM)	038253963	1			
	Units without UV Lights & No Controls (C12= YM)	038253988		1	1	1
	Units without UV Lights w/ MicroTech	038253966	1			
	Units without UV Lights w/ MicroTech	038253991		1	1	1
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253967	1			
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253992		1	1	1
	Gas Heat C04= A					
	Units without UV Lights	038253967	1			
	Units without UV Lights	038253992		1	1	1
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253968	1			
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253959		1	1	
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253993				1
	Fuses- T1 [2]					
F1.A,B	Fuse- T1 Transformer, Primary					
	Electric, Hydronic, or No Heat C04= E,S,W,Y					
	Units without UV Lights & No Controls (C12= YM)	349937125	2			
	Units without UV Lights & No Controls (C12= YM)	349937124		2	2	
	Units without UV Lights & No Controls (C12= YM)	349937123				2
	Units without UV Lights w/ MicroTech (C12= 1-5M)	349937133		2		
	Units without UV Lights w/ MicroTech (C12= 1-5M)	349937135	2			
	Units without UV Lights w/ MicroTech (C12= 1-5M)	349937129			2	
	Units without UV Lights w/ MicroTech (C12= 1-5M)	349937127				2
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937136	2	2		
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937132			2	
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937130				2
	Gas Heat C04= A					
	Units without UV Lights	349937136	2	2		
	Units without UV Lights	349937132			2	
	Units without UV Lights	349937130				2
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937137	2			
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937133		2	2	
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937132				2
F1.C	Fuse- T1 Transformer ,Secondary	349937035 [3]	1	1	1	1
	Fuse- Gas Blower Motor					
F3	Fuse- Burner Blower Motor Code 04= A					
	Fuse Block	023780223	1	1	1	1
	Fuse 200- 1000 mbh furnace	349937035	1	1	1	1
	Fuse 1100- 2000 mbh furnace	349937036	1	1	1	1
	Fuse Cover	349938207	1	1	1	1

[1] Varies depending on unit options. Part number is for one individual section. Ground block is p/n 349930604.

[2] All Fuses for the T-1 transformer use a fuse cover/puller p/n 349938207.

[3] When a unit has **No** Gas Heat (C04= E,S,W,Y), **No** Controls (C12= YM) and **No** UV Lights, the F1C fuse is p/n 349937129.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- PVM, Ground Fault, Receptacle, Power Supply, Power Blocks, Circuit Breakers, MMP, Contactors

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Phase Voltage Monitor Code 17= P,A,C,D,H,J,K					
PVM1, 2	Phase Voltage Monitor	112022001	1	1	1	
	Phase Voltage Monitor	112022002				1
	Ground Fault Protection Code 17= G,B,C,D,K					
GFR1, 2	Ground Fault Relay- SPDT	349937502	1	1	1	1
GFS1, 2	Ground Fault Sensor	349937407	1	1	1	1
	Power Supply Board					
PWR	Power Supply Board 5V	111049610	1	1	1	1
	Receptacles					
REC1	Receptacle	039003100	1	1	1	1
	Power Blocks					
PB1, PB2	Power Block- Main Code 11= P1, Q1					
	Power Block- 175A [1]	030372730	1	1	1	1
	Cover- 175A Block	349938302	1	1	1	1
	Lug- 175A Block	349938001	1	1	1	1
	Power Block- 310A [1]	030372744	1	1	1	1
	Cover- 310A Block	349938302	1	1	1	1
	Lug- 310A Block	349938001	1	1	1	1
	Power Block- 420A [1]	030372752	1	1	1	1
	Cover- 420A Block	349938302	1	1	1	1
	Lug- 420A Block	349938002	1	1	1	1
	Power Block- 760A [1]	030372728	1	1	1	1
	Cover- 760A Block	349938303	3	3	3	3
	Lug- 760A Block	349938003	1	1	1	1
PB12	Power Block- Power Distribution Code 04= E					
	20, 40 KW Electric Heat	030372730	1	1	1	1
	60, 80, 100 KW Electric Heat	030372744	1	1		
	60, 80, 100 KW Electric Heat	030372730			1	1
	120 KW Electric Heat	030372752	1	1		
	120, 160 KW Electric Heat	030372744			1	1
	200, 240, 280, 320 KW Electric Heat	030372752			1	1
PB10	Power Block- Supply Fan Code 15= F	030372729	1	1	1	1
PB20	Power Block- Return Fan Code 15= F	030372729	1	1	1	1
	Circuit Breakers					
CB10	Circuit Breaker- Supply Fan See Following Page					
CB20	Circuit Breaker- Return Fan See Following Page					
	Manual Motor Protectors					
MMP10	MMP- Supply Fan Motor See 4 Pages After Next					
MMP20	MMP- Return Fan Motor See 4 Pages After Next					
	Contactors					
M10	Contactor- Supply Fan Motor See 4 Pages After Next					
M20	Contactor- Return Fan Motor See 4 Pages After Next					

[1] Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected. PB2 is installed when code 11= Q1.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Disconnect Switch					
DS1	Disconnect Switch- Main Code 11= A2, C2, D2					
DS2	Disconnect Switch- RAF/SAF Code 11= C2, D2					
	Switch- 100A [1, 3]	349935101	1	1	1	1
	Lugs	349935901	3 [2]	3 [2]	3 [2]	3 [2]
	Lug	300041488	1	1	1	1
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A [1]	349935102	1	1	1	1
	Lugs	349935901	6 [2]	6 [2]	6 [2]	6 [2]
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A [1]	349935201	1	1	1	1
	Lugs	349936001	6 [2]	6 [2]	6 [2]	6 [2]
	Handle	349935501	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 400A [1]	349935301	1	1	1	1
	Lugs	349936201	2 [2]	2 [2]	2 [2]	2 [2]
	Handle	349935602	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 600A [1]	349935302	1	1	1	1
	Lugs	349936201	2 [2]	2 [2]	2 [2]	2 [2]
	Handle	349935602	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 800A [1]	349935401	1	1	1	1
	Lugs	349936401	6	6	6	6
	Handle	349935701	1	1	1	1
	Ground Lug	349938003	1	1	1	1
	Switch- 1200A [1, 4]	349935403	1	1	1	1
	Lugs	349936501	6	6	6	6
	Handle	349935701	1	1	1	1
	Ground Lug	349938003	1	1	1	1

[1] Any of the listed disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected.

[2] The lug quantities listed are for the DS1. DS2 use ½ the quantity plus an additional lug: 150A lug p/n 300041488; 250A lug p/n 349936101; 400A lug p/n TACL40PD3; 600A lug p/n 349936301.

[3] DS2 only.

[4] DS1 only.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- Plugs

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Plugs [3]					
[4]	4 Pin Plug	349930201	varies	varies	varies	varies
[5]	6 Pin Plug	349930403	varies	varies	varies	varies
[6]	12 Pin Plug	349930405	varies	varies	varies	varies
[7]	3 Pin Cap Kit	349930501	varies	varies	varies	varies
[8]	6 Pin Cap Kit	349930503	varies	varies	varies	varies
[9]	9 Pin Cap Kit	349930504	varies	varies	varies	varies
[10]	15 Pin Cap Kit	349930506	varies	varies	varies	varies

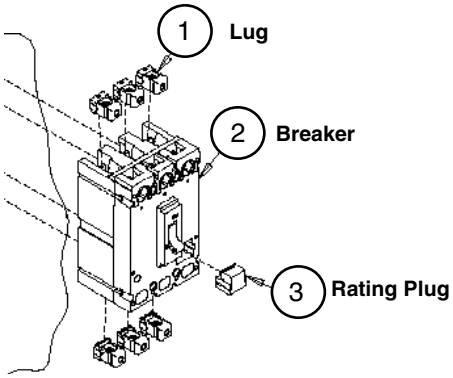
[3] All possible plugs used are listed. Check actual unit to verify which plug is required.
[4] Used for PL1, PL, 2, PL3, PL4, PL5, PL6, PL22,PL23, PL24, PL37, PL38.
[5] Used with strain relief (p/n 300041173) & 6 pin cap kit (p/n 349930503). Used for PL20, PL21.
[6] Used for PL11, PL12, PL25, PL26, PL27, PL28, PL29, PL30 (PL11 & 12 also use strain relief p/n 300041175 & cap kit p/n 349930505).
[7] Used for PL16, PL17, PL31, PL32, PL33, PL34, PL39, PL40, PL41, PL42.
[8] Used for PL9, PL10.
[9] Used for PL18, PL19, PL35, PL36, PL43.
[10] Used for PL7, PL8.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply Fan CB10, and Return Fan CB20 Circuit Breaker Detail
Motor Horsepower 5 thru 25

Part Numbers below apply to either the CB10 (supply fan) or CB20 (return fan).
Circuit Breakers are only used when a fan motor has an inverter (Code 14= 1 - 9).



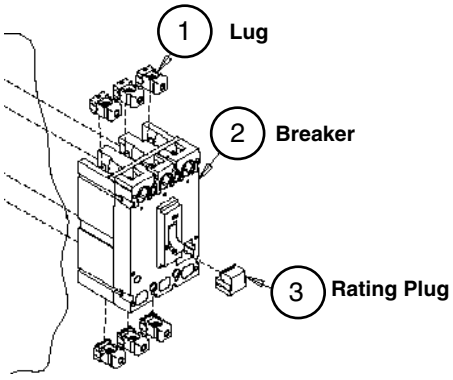
Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1		Lug	349935901	6	6	6	6
2	CB10 CB20	Circuit Breaker- Supply Fan Circuit Breaker- Return Fan					
		Motor HP= 5, 7.5	349936601	1	1	1	1
		Motor HP= 10, 15	349936602	1	1		
		Motor HP= 10, 15	349936601			1	1
		Motor HP= 20, 25	349936603	1	1		
		Motor HP= 20, 25	349936602			1	
		Motor HP= 20	349936601				1
		Motor HP= 25	349936602				1
3		Plug- Rating					
		Motor HP= 5	349936702	1	1		
		Motor HP= 5, 7.5	349936701			1	1
		Motor HP= 7.5	349936704	1	1		
		Motor HP= 10	349936705	1	1		
		Motor HP= 10	349936702			1	
		Motor HP= 10	349936701				1
		Motor HP= 15	349936707	1	1		
		Motor HP= 15	349936704			1	
		Motor HP= 15	349936702				1
		Motor HP= 20	349936709	1			
		Motor HP= 20	349936708		1		
		Motor HP= 25	349936710	1			
		Motor HP= 25	349936709		1		
		Motor HP= 20, 25	349936705			1	
		Motor HP= 20	349936704				1
		Motor HP= 25	349936705				1

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply Fan CB10, and Return Fan CB20 Circuit Breaker Detail
Motor Horsepower 30 thru 75

Part Numbers below apply to either the CB10 (supply fan) or CB20 (return fan).
Circuit Breakers are only used when a fan motor has an inverter (Code 14= 1 - 9).

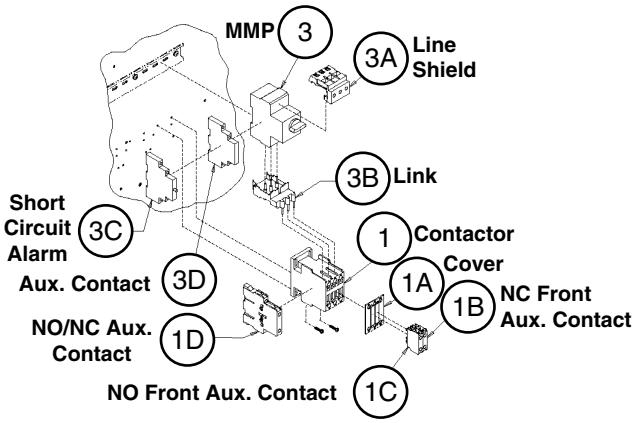


Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1		Lug	349935901	6	6	6	6
2	CB10 CB20	Circuit Breaker- Supply Fan Circuit Breaker- Return Fan					
		Motor HP= 30	349936602			1	
		Motor HP= 30	349936603		1		
		Motor HP= 30, 40	349936604	1			
		Motor HP= 40	349936604		1		
		Motor HP= 40, 50	349936603			1	
		Motor HP= 30, 40, 50	349936602				1
		Motor HP= 60, 75	349936603			1	1
3		Plug- Rating					
		Motor HP= 30	349936705				1
		Motor HP= 30	349936706			1	
		Motor HP= 30	349936711		1		
		Motor HP= 30	349936712	1			
		Motor HP= 40	349936714	1	1		
		Motor HP= 40	349936708			1	
		Motor HP= 40	349936706				1
		Motor HP= 50	349936707				1
		Motor HP= 50	349936709			1	
		Motor HP= 60	349936709				1
		Motor HP= 60	349936710			1	
		Motor HP= 75	349936711			1	1

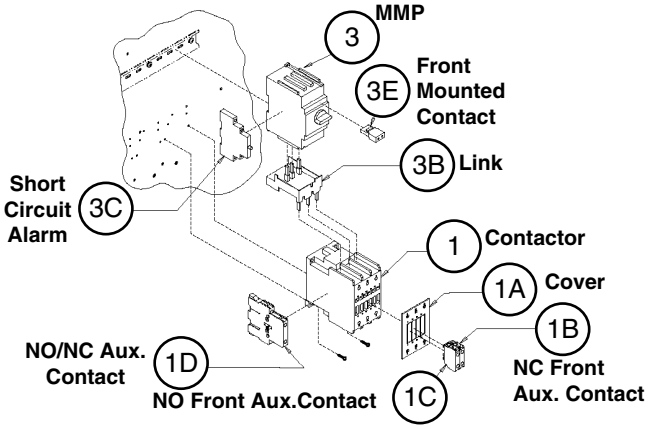
Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

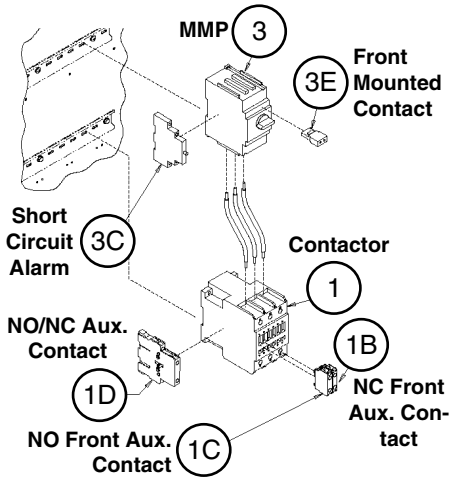
Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Diagrams



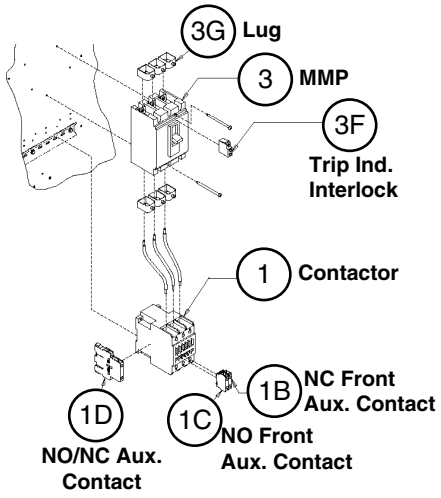
MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
5 HP Motors- All Voltages
7.5 HP Motor- 230/460/575V
10, 15HP Motors- 460/575V



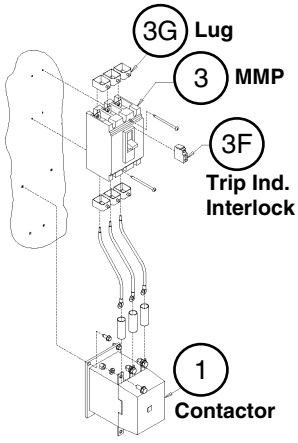
MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
7.5 HP Motors- 208V
10, 15HP Motors- 208/230V
20, 25, 30 HP Motors- 460/575V
40 HP Motors- 575V



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
20 HP Motors- 208/230V
25 HP Motors- 230V
40 HP Motors- 460V
50 HP Motors- 460/575V
60HP Motors- 575V



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
25 HP Motors- 208V
30 HP Motors- 208/230V
40 HP Motors- 230V
60 HP Motors- 460V
75 HP Motors- 460/575V



MMP10 & M10 Link Detail
40 HP Motors- 208V
50 HP Motors- 208/230V
60HP- 208/230V

NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

5 HP Motor- Code 22 or 32= JEY, JFY, JHY, JJY, JKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932301	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932201		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932102			1	1
1A		Cover- Contactor	349932803	1			
		Cover- Contactor	349932802		1		
		Cover- Contactor	349932801			1	1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934012	1	1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934010			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934009				1
3A		Line Shield	349933001	1	1	1	1
3B		Link	349932904	1			
		Link	349932902		1	1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902	1	1	1	1

7.5 HP Motor- Code 22 or 32= KEY, KFY, KHY, KJY, KKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932401	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932301		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932102			1	1
1A		Cover- Contactor	349932804	1			
		Cover- Contactor	349932803		1		
		Cover- Contactor	349932801			1	1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934105	1			
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934014		1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934011			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934010				1
3A		Line Shield	349933001		1	1	1
3B		Link	349932906	1			
		Link	349932904		1		
		Link	349932902			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902		1	1	1
3E		OL Circuit Alarm- Front	349933804	1			

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

10 HP Motor- Code 22 or 32= LEY, LFY, LHY, LJY, LKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932501	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932201			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932102				1
1A		Cover- Contactor	349932805	1	1		
		Cover- Contactor	349932802			1	
		Cover- Contactor	349932801				1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934106	1	1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934012			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934011				1
3A		Line Shield	349933001			1	1
3B		Link	349932907	1	1		
		Link	349932903			1	
		Link	349932902				1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902			1	1
3E		OL Circuit Alarm- Front	349933804	1	1		

15 HP Motor- Code 22 or 32= MEY, MFY, MHY, MJY, MKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932501	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932301			1	1
1A		Cover- Contactor	349932805	1	1		
		Cover- Contactor	349932803			1	1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349934108	1	1		
		MMP- Supply (M10) or Return (M20) Fan	349934014			1	
		MMP- Supply (M10) or Return (M20) Fan	349934013				1
3A		Line Shield	349933001			1	1
3B		Link	349932907	1	1		
		Link	349932904			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3D		Aux. Interlock- 1 NO/1 NC	349933902			1	1
3E		OL Circuit Alarm- Front	349933804	1	1		

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

20 HP Motor- Code 22 or 32= NEY, NFY, NHY, NJY, NKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932601	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932501			1	1
1A		Cover- Contactor	349932805			1	1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349934109	1			
		MMP- Supply (M10) or Return (M20) Fan	349934108		1		
		MMP- Supply (M10) or Return (M20) Fan	349934106			1	
		MMP- Supply (M10) or Return (M20) Fan	349934105				1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903	1	1	1	1
3E		OL Circuit Alarm- Front	349933804	1	1	1	1

25 HP Motor- Code 22 or 32= PEY, PFY, PHY, PJY, PKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932601	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932501			1	1
1A		Cover- Contactor	349932805			1	1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349938606	1			
		MMP- Supply (M10) or Return (M20) Fan	349934109		1		
		MMP- Supply (M10) or Return (M20) Fan	349934107			1	
		MMP- Supply (M10) or Return (M20) Fan	349934106				1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903		1	1	1
3E		OL Circuit Alarm- Front	349933804		1	1	1
3F		Trip Indicator Interlock	349938701	1			
3G		Lug (3 per kit)	349938801	2			

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

30 HP Motor- Code 22 or 32= QEY, QFY, QHY, QJY, QKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932602	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932601		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932502			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932501				1
1A		Cover- Contactor	349932805			1	1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349938606	1	1		
		MMP- Supply (M10) or Return (M20) Fan	349934107			1	1
3B		Link	349932907			1	1
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	2	2		

40 HP Motor- Code 22 or 32= REY, RFY, RHY, RJY, RKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply (M10) or Return (M20) Fan	349932701	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932602		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932601			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932502				1
1A		Cover- Contactor	349932805				1
3	MMP10	MMP- Supply (MMP10) or Return (MMP20) Fan	349938607	1	1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934108				1
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934109			1	
3B		Link	349932907				1
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1[1]	1[1]		

[1] Also requires 3 ring terminals.

Section N- Main Control Box
Power Panel 3/05 to 10/06*
Components, Continued

*** Code 08= D. Between 10/04 & 3/05 either this control panel or the original MicroTech II control panel (Code 08= P) could be installed. Check the GO or visually inspect the unit to verify which panel is installed. If built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

50 HP Motor- Code 22 or 32= SEY, SFY, SHY, SJY, SKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply (M10) or Return (M20) Fan	349932701	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932601			1	1
3	MMP10	MMP- Supply (MMP10) or Return (MMP20) Fan	349938607	1	1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934108				1
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934109			1	
3C		Short Circuit Alarm	349933903			1	1
3E		OL Circuit Alarm- Front	349933804			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1[1]	1[1]		

[1] Also requires 3 ring terminals.

60 HP Motor- Code 32= TEY, TFY, THY, TJY, TKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932702	1	1		
		Contactor- Supply Fan	349932601			1	
		Contactor- Supply Fan	349932602				1
3	MMP10	MMP- Supply Fan	349938608	1	1		
		MMP- Supply Fan	349938606			1	
		MMP- Supply Fan	349934109				1
3C		Short Circuit Alarm	349933903				1
3E		OL Circuit Alarm- Front	349933804				1
3F		Trip Indicator Interlock	349938701	1	1	1	
3G		Lug	349938801	3[1]	3[1]	6	

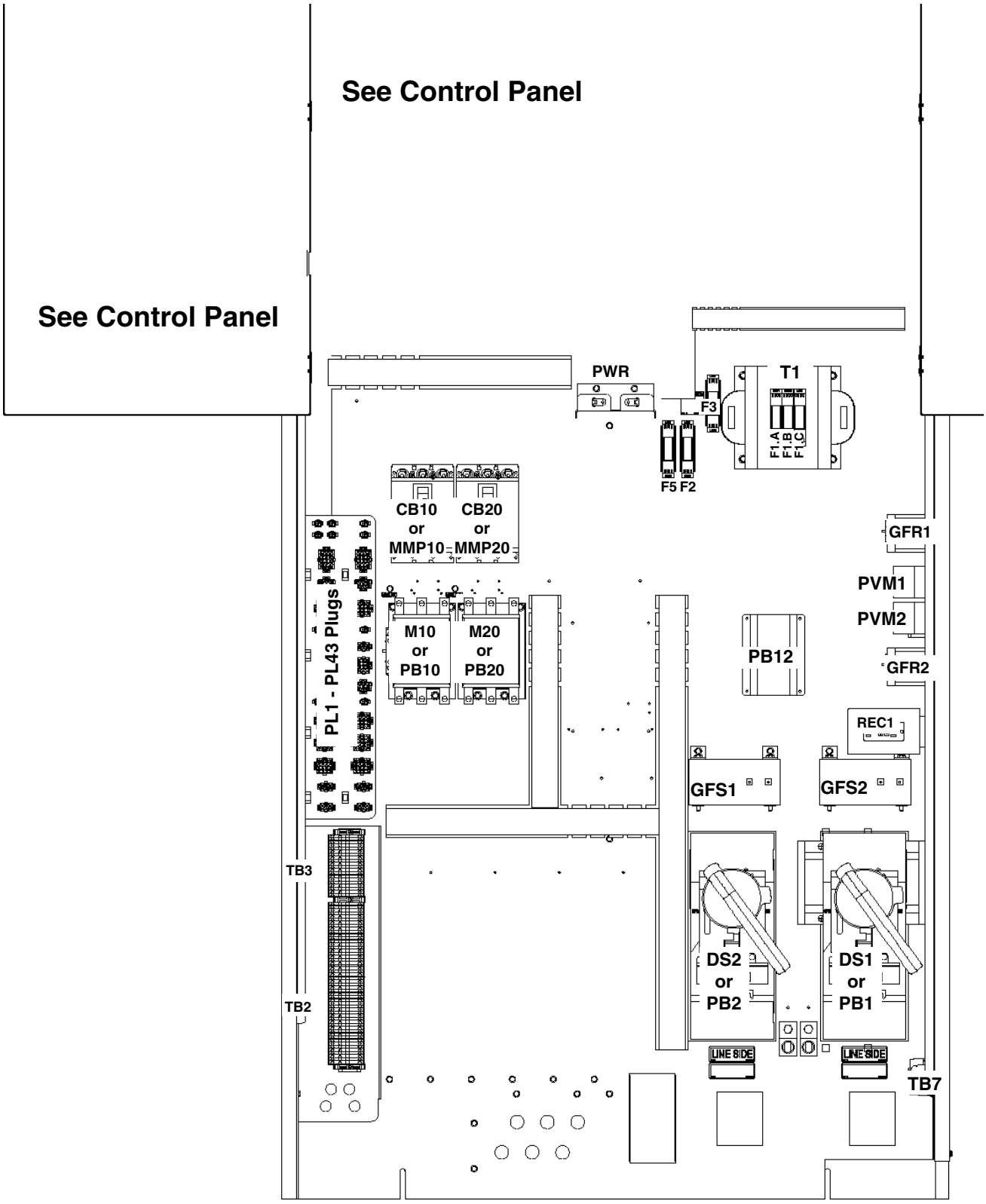
[1] Also requires 3 ring terminals.

75 HP Motor- Code 32= UEY, UFY, UHY, UJY, UKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932602			1	1
3	MMP10	MMP- Supply Fan	349938606			1	1
3F		Trip Indicator Interlock	349938701			1	1
3G		Lug	349938801			6	6

Section N- Main Control Box
Power Panel 1/07 & later*
Diagram

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**



Section N- Main Control Box
Power Panel 1/07 & later*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- T1 Transformer & Fusing

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Transformer- Main [1]					
T1	Transformer- Main Control					
	Electric, Hydronic, or No Heat C04= E,S,W,Y					
	Units without UV Lights & No Controls (C12= YM)	038253972	1			
	Units without UV Lights & No Controls (C12= YM)	038253954		1	1	1
	Units without UV Lights w/MicroTech	038253975	1			
	Units without UV Lights w/MicroTech	038253957		1	1	
	Units without UV Lights w/MicroTech (C12= 1-5M)	038253984				1
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253976	1			
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253958		1	1	
	Units with UV Lights Code 17 (2nd digit)= 1-8	038253985				1
	Gas Heat C04= A					
	Units without UV Lights	038253976	1			
	Units without UV Lights	038253958		1	1	
	Units without UV Lights	038253985				1
	Units with UV Lights Code 17 (2nd digit)= 1-8	349939819	1			
	Units with UV Lights Code 17 (2nd digit)= 1-8	349939809		1	1	
	Units with UV Lights Code 17 (2nd digit)= 1-8	349939829				1
	Fuses- T1					
F1.A,B	Fuse- T1 Transformer, Primary					
	Electric, Hydronic, or No Heat C04= E,S,W,Y					
	Units without UV Lights & No Controls (C12= YM)	349937125	2			
	Units without UV Lights & No Controls (C12= YM)	349937124		2	2	
	Units without UV Lights & No Controls (C12= YM)	349937123				2
	Units without UV Lights w/MicroTech (C12= 1-5M)	349937134	2			
	Units without UV Lights w/MicroTech (C12= 1-5M)	349937133		2		
	Units without UV Lights w/MicroTech (C12= 1-5M)	349937129			2	
	Units without UV Lights w/MicroTech (C12= 1-5M)	349937125				2
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937135	2	2		
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937131			2	
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937129				2
	Gas Heat C04= A					
	Units without UV Lights	349937135	2	2		
	Units without UV Lights	349937131			2	
	Units without UV Lights	349937129				2
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937137	2 [3]	2 [3]		
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937133			2 [3]	
	Units with UV Lights Code 17 (2nd digit)= 1-8	349937132				2 [3]
F1.C	Fuse- T1 Transformer, Secondary	349937038 [2]	1	1	1	1
	Fuse- T1 Transformer, Secondary	349937036 [2]	1	1	1	1
	Fuse- T1 Transformer, Secondary	349937035 [2]	1	1	1	1
	Fuse- T1 Transformer, Secondary	349937027 [2]	1	1	1	1

[1] All T1 transformers also use a cover kit p/n 349955901 & a fuse puller kit p/n 349955801 (not used on transformer p/n 349939819, 349939809, 349939829.

[2] Fuse depends on heat type and presence of UV lights. 349937038= Gas Heat Unit w/UV lights; 349937036= Gas Heat Unit with no UV lights OR Non-Gas Heat Unit with UV lights; 349937035= Non- Gas Heat Units with no UV lights (MicroTech Controls); 349937027= Non- Gas Heat Units with no UV lights (No Controls).

[3] Fuses used on Gas Heat Unit w/UV lights also use fuse block p/n 023780231 & 3 pullers p/n 349938227.

Section N- Main Control Box
Power Panel 1/07 & later*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- Fuses, Phase Protection, Terminal Blocks, Ground Fault, Power Blocks, Receptacle, Power Board

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Fuses, continued					
F2,F3, F5	Fuses					
	Fuse Block	023780223	1/fuse	1/fuse	1/fuse	1/fuse
	Fuse Cover	349938227	1/fuse	1/fuse	1/fuse	1/fuse
F2	Fuse- 2000+VA transformer	349937035	1	1	1	1
F3	Fuse- Blower Motor 200- 1500 mbh furnace	349937035	1	1	1	1
F3	Fuse- Blower Motor 2000 mbh furnace	349937036	1	1	1	1
F5	Fuse- UV Lights Code 17 (2nd digit)= 1-8	349937032	1	1	1	1
	Phase Voltage Monitor Code 17= P,A,C,D,H,J,K					
PVM1, 2	Phase Voltage Monitor	112022001	1	1	1	
	Phase Voltage Monitor	112022002				1
	Ground Fault Protection Code 17= G,B,C,D,K					
GFR1, 2	Ground Fault Relay- SPDT	349937502	1	1	1	1
GFS1, 2	Ground Fault Sensor	349937407	1	1	1	1
	Terminal Blocks					
TB2, 7	Terminal Block	349930641	[3]	[3]	[3]	[3]
TB3	Terminal Block	349930641	[4]	[4]	[4]	[4]
	Power Blocks					
PB1, PB2	Power Block- Main Code 11= P1, Q1					
	Power Block- 175A [1]	030372777	1	1	1	1
	Lug- 175A Block	349938001	1	1	1	1
	Power Block- 310A [1]	030372783	1	1	1	1
	Lug- 310A Block	349938001	1	1	1	1
	Power Block- 420A [1]	030372785	1	1	1	1
	Lug- 420A Block	349938002	1	1	1	1
	Power Block- 760A [1, 2]	030372721			1	1
	Lug- 760A Block	349938003	1	1	1	1
PB12	Power Block- Power Distribution Code 04= E					
	20, 40 KW Electric Heat	030372777	1	1	1	1
	60, 80, 100, 120 KW Electric Heat	030372785	1	1		
	60, 80, 100, 120 KW Electric Heat	030372777			1	1
	160, 200, 240, 280, 320 KW Electric Heat	030372785			1	1
PB10	Power Block- Supply Fan Code 15= F	030372776	1	1	1	1
PB20	Power Block- Return Fan Code 15= F	030372776	1	1	1	1
	Receptacles					
REC1	Receptacle	039003600	1	1	1	1
	Power Supply Board					
PWR	Power Supply Board 5V	111049610	1	1	1	1

[1] Any of the listed parts may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected. PB2 is installed when code 11= Q1.
[2] Also uses a cover p/n 349938345.
[3] Varies depending on unit options. Part number is for one individual section. Ground block is p/n 349930647.
[4] Varies depending on unit options. Part number is for one individual section. When required, Jumpers are p/n 349930922 (2 pole), 349930923 (3 pole), 349930924 (4 pole), 349930925 (5 pole).

Section N- Main Control Box

Power Panel 1/07 to present*

Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- MMP, Contactors, DS1 Disconnect Switches

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Manual Motor Protectors					
MMP10	MMP- Supply Fan Motor See 1 Page After Next					
MMP20	MMP- Return Fan Motor See 1 Page After Next					
	Contactors					
M10	Contactor- Supply Fan Motor See 1 Page After Next					
M20	Contactor- Return Fan Motor See 1 Page After Next					
	Disconnect Switch					
DS1	Disconnect Switch- Main Code 11= A2, B2, C2, D2 Electric Heat (C04= E) units					
	Switch- 100A [1]	349935125	1	1	1	1
	Handle Kit	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A [1]	349935126	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A [1]	349935226	1	1	1	1
	Handle Kit	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 400A [1]	349935325	1	1	1	1
	Handle Kit	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 600A [1, 2, 3, 4]	193438205	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod	349962242	1	1	1	1
	Ground Lug	349938002	1	1	1	1
	Switch- 800A [1, 4]	193438201	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1
	Switch- 1000A [1, 4]	193438206	1	1	1	1
	Handle	349961102	1	1	1	1
	Operating Mechanism	193455001	1	1	1	1
	Shaft	349961301	1	1	1	1
	Shaft- Mod	349962242	1	1	1	1
	Ground Lug	349938003	1	1	1	1

[1] Any of the listed disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected.
[2] The 600A switch listed is used on units with one disconnect or two disconnects EH/balance of unit (Code 11= A2 or B2).
[3] If unit has two disconnects where the second disconnect controls the fans (Code 11= C2) or 3 disconnects (Code 11= D2) then use switch p/n 193438002, handle kit p/n 193437901, shaft p/n 349962233, and ground lug p/n 349938002.
[4] Note that the original disconnect is obsolete. Due to dimensional differences minor field modifications may be required for proper installation.

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- DS1, DS2 Disconnect Switches

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Disconnect Switch, Continued					
DS1	Disconnect Switch- Main Code 11= A2, B2, C2, D2 Gas, Steam, HW or No Heat (C04= A, S, W, Y) units					
	Switch- 100A [1, 2]	349935121	1	1	1	1
	Handle Kit	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A [1, 3]	349935122	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A [1, 4]	349935222	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 400A [1, 5]	349935321	1	1	1	1
	Handle Kit (with operating mechanism)	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1
DS2	Disconnect Switch- SAF/RAF C11= C2 or D2					
	Switch- 100A [1, 2]	349935121	1	1	1	1
	Handle Kit (with operating mechanism)	349935521	1	1	1	1
	Shaft	349962204	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 150A [1, 3]	349935122	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 250A [1, 4]	349935222	1	1	1	1
	Handle Kit (with operating mechanism)	349935532	1	1	1	1
	Shaft	349962205	1	1	1	1
	Ground Lug	349938001	1	1	1	1
	Switch- 400A [1, 5]	349935321	1	1	1	1
	Handle Kit (with operating mechanism)	349935621	1	1	1	1
	Shaft	349962206	1	1	1	1
	Ground Lug	349938002	1	1	1	1

[1] Any of the listed disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected.
[2] Also uses a Load Lug p/n 349956101 with cover p/n 349957003.
[2] Also uses a Load Lug p/n 349956202 with cover p/n 349957001.
[2] Also uses a Load Lug p/n 349956301 with cover p/n 349957002.
[2] Also uses a 3 Load Lugs p/n 349956401 with cover p/n 349957004.

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Power Panel- Disconnect Switch (continued), Circuit Breakers

Sch. Sym.	Part Description	Part Number	Voltage			
			208V	230V	460V	575V
	Circuit Breakers					
CB10 CB20	Circuit Breaker- Supply Fan Circuit Breaker- Return Fan					
	Motor HP= 5, 7.5, 10	349939601				1
	Motor HP= 5	349939622	1	1		
	Motor HP= 5, 7.5	349939621			1	
	Motor HP= 7.5	349939624	1	1		
	Motor HP= 10	349939626	1	1		
	Motor HP= 10	349939622			1	
	Motor HP= 15	349939629	1	1		
	Motor HP= 15	349939624			1	
	Motor HP= 15, 20	349939604				1
	Motor HP= 20	349939631	1			
	Motor HP= 20	349939630		1		
	Motor HP= 20, 25	349939626			1	
	Motor HP= 25	349939632	1			
	Motor HP= 25	349939631		1		
	Motor HP= 25, 30	349939606				1
	Motor HP= 30	349939701	1			
	Motor HP= 30	349939633		1		
	Motor HP= 30	349939628			1	
	Motor HP= 40	349939713	1	1		
	Motor HP= 40	349939630			1	
	Motor HP= 40	349939608				1
	Motor HP= 50	349939631			1	
	Motor HP= 50	349939610				1
	Motor HP= 60	349939632			1	
	Motor HP= 60	349939611				1
	Motor HP= 75	349939701			1	
PL1-43	**Plugs** [3]					
[4]	4 Pin Plug	349930201	varies	varies	varies	varies
[5]	6 Pin Plug	349930403	varies	varies	varies	varies
[6]	12 Pin Plug	349930405	varies	varies	varies	varies
[7]	3 Pin Cap Kit	349930501	varies	varies	varies	varies
[8]	6 Pin Cap Kit	349930503	varies	varies	varies	varies
[9]	9 Pin Cap Kit	349930504	varies	varies	varies	varies
[10]	15 Pin Cap Kit	349930506	varies	varies	varies	varies

[1] Any of the listed disconnects may be used, depending on unit options. Check installed part to verify, or contact Daikin McQuay Parts with unit serial and/or GO number to insure correct replacement is selected.
[3] All possible plugs used are listed. Check actual unit to verify which plug is required.
[4] Used for PL1, PL, 2, PL3, PL4, PL5, PL6, PL22,PL23, PL24, PL37, PL38.
[5] Used with strain relief (p/n 300041173) & 6 pin cap kit (p/n 349930503). Used for PL20, PL21.
[6] Used for PL11, PL12, PL25, PL26, PL27, PL28, PL29, PL30 (PL11 & 12 also use strain relief p/n 300041175 & cap kit p/n 349930505).
[7] Used for PL16, PL17, PL31, PL32, PL33, PL34, PL39, PL40, PL41, PL42.
[8] Used for PL9, PL10.
[9] Used for PL18, PL19, PL35, PL36, PL43.
[10] Used for PL7, PL8.

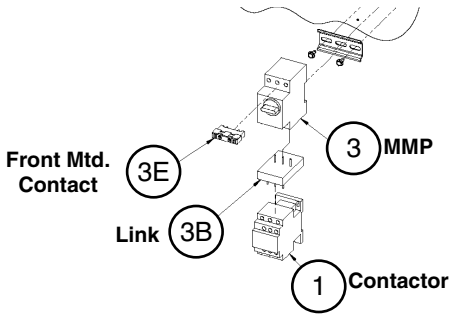
Section N- Main Control Box

Power Panel 1/07 to present*

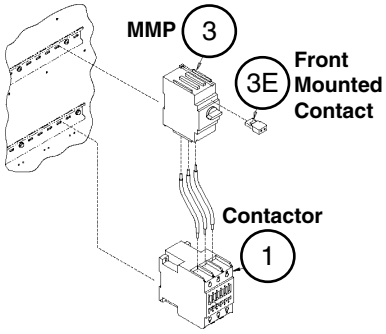
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

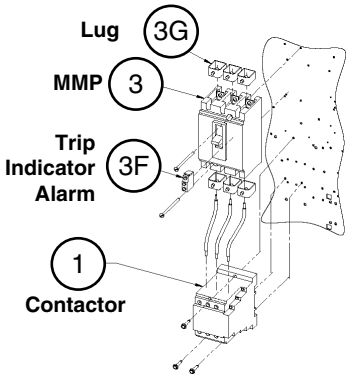
Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Diagrams



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
5, 7.5 HP Motors- All Voltages
10 HP Motor- 230/460/575V
15, 20 HP Motor- 460/575V
25, 30 HP Motors- 575V

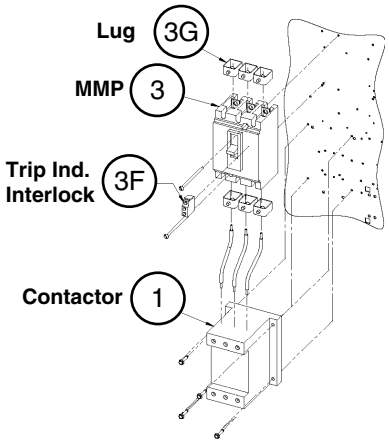


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
10HP Motor- 208V
15HP Motor- 208/230V
20 HP Motors- 208/230V
25 HP Motors- 230/460V
30 HP Motors- 460V
40 HP Motors- 460/575V
50 HP Motors- 460/575V
60 HP Motors- 575V

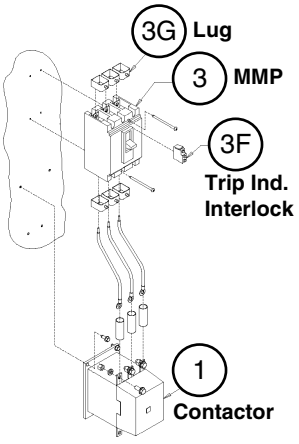


MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
25 HP Motors- 208V
30 HP Motors- 230V
60 HP Motors- 460V

NOTE: The diagrams show all possible parts. Not every part shown applies to every unit size/voltage combination.



MMP10 & M10 Link Detail
MMP20 & M20 Link Detail
30 HP Motors- 208V
40 HP Motors- 208/230V
50 HP Motors- 230V
75 HP Motors- 460/575V



MMP10 & M10 Link Detail
50 HP Motors- 208V
60 HP Motors- 208/230V

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

5 HP Motor- Code 22 or 32= JEY, JHY, JJY, JKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932123	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932121			1	1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934052	1	1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934050			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934049				1
3B		Link	349932922	1	1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

7.5 HP Motor- Code 22 or 32= KEY, KHY, KJY, KKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932321	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932122			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932121				1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934054	1			
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934053		1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934051			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934050				1
3B		Link	349932922	1	1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

10 HP Motor- Code 22 or 32= LEY, LHY, LJY, LKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932521	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932322		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932123			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932122				1
3	MMP10,20	MMP- Supply (MMP10) or Return (MMP20) Fan	349934147	1			
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934055		1		
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934052			1	
		MMP- Supply (MMP10) or Return (MMP20) Fan	349934051				1
3B		Link	349932922		1	1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

15 HP Motor- Code 22 or 32= MEY, MHY, MJY, MKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932522	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932321			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932123				1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349934148	1	1		
		MMP- Supply (M10) or Return (M20) Fan	349934053			1	
		MMP- Supply (M10) or Return (M20) Fan	349934052				1
3B		Link	349932922			1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

20 HP Motor- Code 22 or 32= NEY, NHY, NJY, NKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932523	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932322			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932321				1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349934149	1	1		
		MMP- Supply (M10) or Return (M20) Fan	349934055			1	
		MMP- Supply (M10) or Return (M20) Fan	349934053				1
3B		Link	349932922			1	1
3E		Aux. Contact- 1 NO or NC	349933821	1	1	1	1

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

25 HP Motor- Code 22 or 32= PEY, PHY, PJY, PKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932621	1	1		
		Contactor- Supply (M10) or Return (M20) Fan	349932521			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932322				1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349938606	1			
		MMP- Supply (M10) or Return (M20) Fan	349934149		1		
		MMP- Supply (M10) or Return (M20) Fan	349934147			1	
		MMP- Supply (M10) or Return (M20) Fan	349934054				1
3B		Link	349932922				1
3E		Aux. Contact- 1NO or NC	349933821		1	1	1
3F		Trip Indicator Interlock	349938701	1			
3G		Lug (3 per kit)	349938801	2			

30 HP Motor- Code 22 or 32= QEY, QHY, QJY, QKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10, 20	Contactor- Supply (M10) or Return (M20) Fan	349932721	1			
		Contactor- Supply (M10) or Return (M20) Fan	349932621		1		
		Contactor- Supply (M10) or Return (M20) Fan	349932521			1	
		Contactor- Supply (M10) or Return (M20) Fan	349932322				1
3	MMP10,20	MMP- Supply (M10) or Return (M20) Fan	349938606	1	1		
		MMP- Supply (M10) or Return (M20) Fan	349934147			1	
		MMP- Supply (M10) or Return (M20) Fan	349934055				1
3B		Link	349932922				1
3E		Aux. Contact- 1NO or NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	2	2		

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

40 HP Motor- Code 22 or 32= REY, RHY, RJY, RKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932722	1			
		Contactor- Supply Fan	349932721		1		
		Contactor- Supply Fan	349932522			1	1
3	MMP10	MMP- Supply Fan	349938607	1	1		
		MMP- Supply Fan	349934148			1	1
3E		Aux. Contact- 1NO or NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1[1]	1[1]		

[1] Also requires 3 ring terminals.

50 HP Motor- Code 22 or 32= SEY, SHY, SJY, SKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932702	1			
		Contactor- Supply Fan	349932722		1		
		Contactor- Supply Fan	349932621			1	
		Contactor- Supply Fan	349932523				1
3	MMP10	MMP- Supply Fan	349938607	1	1		
		MMP- Supply Fan	349934149			1	1
3E		Aux. Contact- 1NO or NC	349933821			1	1
3F		Trip Indicator Interlock	349938701	1	1		
3G		Lug (3 per kit)	349938801	1[1]	1[1]		

[1] Also requires 3 ring terminals.

Section N- Main Control Box
Power Panel 1/07 to present*
Components

*** Code 08= D. If unit was built between 10/06 and 12/06 contact Daikin McQuay Parts.**

Supply MMP10 & M10 Fan Contactor and Return MMP20 & M20 Fan Contactor Detail Components

60 HP Motor- Code 32= TEY, THY, TJY, TKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932702	1	1		
		Contactor- Supply Fan	349932621			1	1
3	MMP10	MMP- Supply Fan	349938608	1	1		
		MMP- Supply Fan	349938606			1	
		MMP- Supply Fan	349934149				1
3E		Aux. Contact- 1NO or NC	349933821				1
3F		Trip Indicator Interlock	349938701	1	1	1	
3G		Lug (3 per kit)	349938802	1[1]	1[1]		
		Lug (3 per kit)	349938801			2	

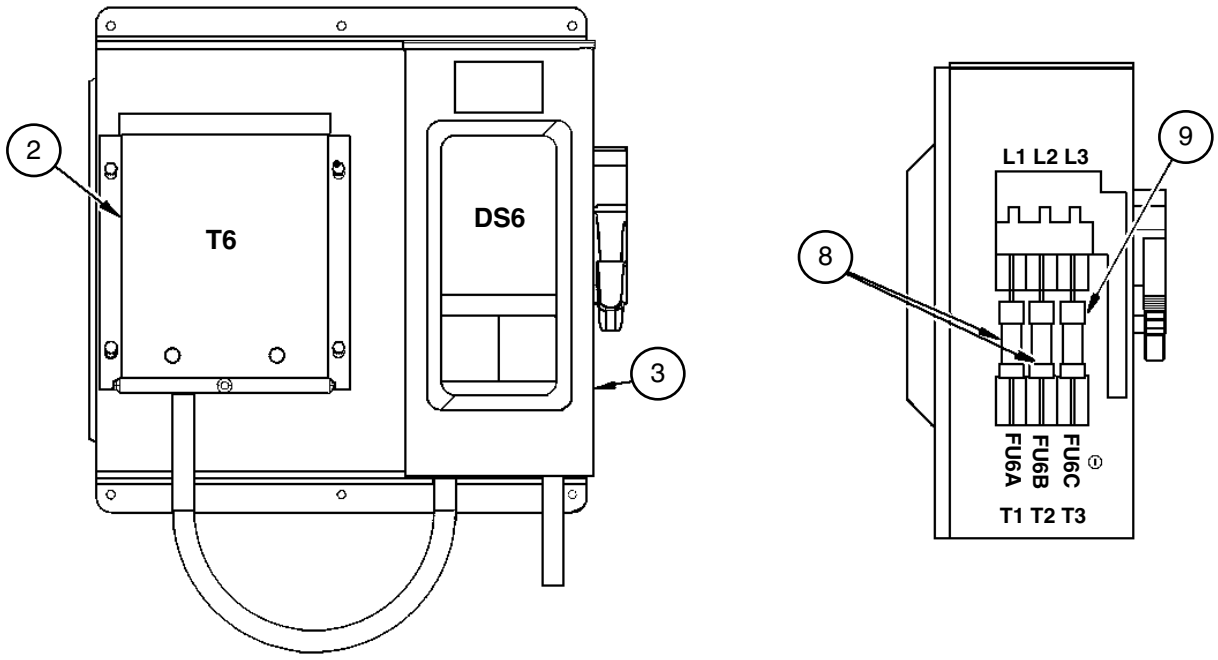
[1] Also requires 3 ring terminals.

75 HP Motor- Code 32= UEY, UHY, UJY, UKY

Ref. No.	Sch. Sym.	Part Description	Part Number	Voltage			
				208V	230V	460V	575V
1	M10	Contactor- Supply Fan	349932721			1	1
3	MMP10	MMP- Supply Fan	349938606			1	1
3F		Trip Indicator Interlock	349938701			1	1
3G		Lug	349938801			2	2

Control Box

McQuay Supplied Line Voltage Box- Code 18= U*** or V***
(Powers Receptacle and Lights)
T6, DS6, FU6A, FU6B, FU6C



Ref No	Sch Sym	Part Description	Part Number	Voltage 208V	230V	460V	575V
2	T6	Transformer 2KVA	349987001	1			
		Transformer 2KVA	349987002		1	1	
		Transformer 2KVA	349987003				1
3	DS6	Disconnect Switch 30A/600V	349991901	1	1	1	1
8	FU6A,B	Fuse 20A/600V	193403711	2	2		
	FU6A,B	Fuse 10A/600V	193403708			2	
	FU6A,B	Fuse 8A/600V	193403707				2
9	FU6C	Fuse 20A/600V	193403711	1	1	1	1